



GlacialPower®

Power Your Idea

LED Driver Products

LED 電源產品目錄 2018 October



GlacialPower, the power division of GlacialTech, manufactures Switch Mode Power Supply (SMPS) solutions for LED lighting applications. GlacialPower provides LED Drivers and power supplies with a wide wattage range for a variety of applications. GlacialPower power supplies use attractive and contemporary design to deliver quality products that possess innovative features and ease of usability for customers. For details, please visit at www.GlacialPower.com.

值得信賴的優良LED照明產品

LED照明產品的設計基於三項核心技術，包括電源設計，散熱設計和光學，分別透過洋鑫科技的三大品牌 GlacialPower，GlacialTech和GlacialLight得以實現。三大核心技術在手，洋鑫科技整合所有資源所需的傑出設計製造值得信賴的優良LED照明產品。

◀ LED Driver-Plastic Housing

CV - IP 02
 GP-CVP Series (12W ~ 60W)
 GP-LE Series (36W ~ 150W)
 GP-HS Series (15W ~ 25W)
 GP-RS Series (Isolation Cable, 15W)
 GP-LV Series (6W ~ 20W)

CV Terminal Block 07
 GP-CVP Series (12W ~ 36W)
 GP-LV Series (6W ~ 10W)

CV- PWM Style Output Dimming ... 08
3-in-1 Dimming
 GP-HS Series (20W~40W)
 GP-LP Series (60W)
AC Triac Dimming
 GP-TH Series (20W~75W)

CC - IP 10
 GP-HS Series (4W ~ 60W)
 GP-RS Series (Isolation Cable, 12W ~ 60W)
 GP-LC Series (2.4W ~ 20W)
 GP-LS Series (12W ~ 33W)
 GP-LE Series (33W ~ 60W)

CC Dimming - IP 19
 GP-HS Series (8W ~ 60W)
 GP-RS Series (Isolation Cable, 8W ~ 60W)
 GP-LP Series (60W ~ 75W)

CV + CC - IP 24
 GP-HS Series (35W)
 GP-RS Series (Isolation Cable, 20W ~ 36W)
 GP-LP Series (60W ~ 75W)

CC - Terminal Blocks Type 26
 GP-LC Series (3W ~ 25W)

CC - DC Jack Connector 28
 GP-HS15P Series (15W)

CV + CC - DC Jack Connector 29
 GP-RS35P Series (35W)

Multiple CV + CC 30
 GP-LC7028-Q5D (20W)

◀ LED Driver- Metal Housing (PFC,IP67)

CV 30
 GP-CVM Series (200W ~ 400W)

CV - Terminal Blocks Type 32
 GP-LV Series (48W)

CC 32
 GP-LS Series (40W ~ 60W)

CC Dimming 33
 GP-LS Dimming Series (40W ~ 240W)

CV + CC 34
 GP-LS Series (50W ~ 240W)

CC - High Voltage Output 36
 GP-LS Series (70W ~ 150W)

CC Dimming-High Voltage Output ... 37
 GP-LS Dimming Series (150W)

CC - Terminal Blocks 37
 GP-LC Series (48W)

CC-IP68 Cable Connector 38
 GP-LS Series (60W)

CV+CC-IP68 Cable Connector ... 38
 GP-LS Series (100W ~ 200W)

◀ LED Driver - AC Triac Dimming

CC 40
 GP-TS Series (8W~12W,90Vac~130Vac)
 GP-TS Series (8W~12W,180Vac~264Vac)
 GP-TL Series (9W~24W,108Vac~132Vac)
 GP-TH Series (9W~24W,207Vac~253Vac)

◀ DALI Solutions

DALI Power 43
 DP004N-16V

DALI Converter 44
 GL-DA02

◀ DC-DC Solutions

CC - Wired Cable (IP) 45
 GP-LD Series (10.5W~17.5W)
 GP-LD Series (2W~9W)

CC - Pin DIL Package 46
 GP-LD Series (7W~24W)

◀ Open Frame

CV 47
 GP-OS60N Series

◀ Wall Mount Type - Adapter

CC 47
 GP-LC Series

CV 48
 PAW024 Series
 GP-AS18N Series

◀ Accessory

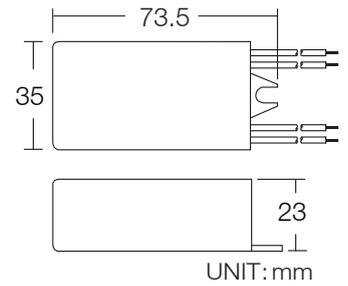
Electronic Potentiometer Dimmer 49
 GL-EC013

GP-CVP Series (12W ~ 60W)



GP-CVP012N Series

Universal AC Input Range 90~264VAC.
 Class 2 Power Supply Unit.
 Protections : OCP/ SCP.
 No Load Consumption < 0.5W at 230VAC.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-CVP012N-12V-P02	12VDC	0~1000mA	81%	± 5%	12W
GP-CVP012N-24V-P02	24VDC	0~500mA	83%	± 5%	12W



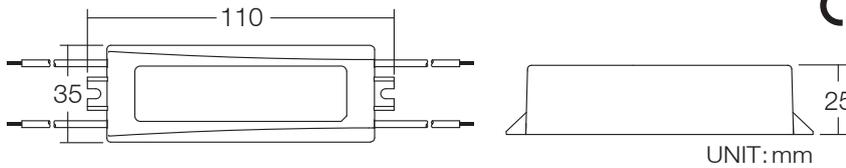
GP-CVP036N Series

GP-CVP060N Series

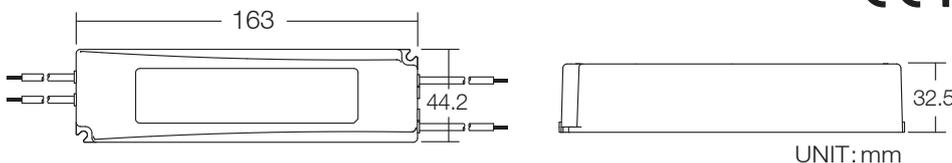
Universal AC Input Range 90 ~ 264VAC.
 Class 2 Power Supply Unit.
 Fully Isolated Plastic Case.
 Protections: OCP/SCP/OVP.
 No Load Consumption < 0.5W at 230VAC.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-CVP036N-12V-P02	12VDC	0~3A	83%	± 5%	36W
GP-CVP036N-24V-P02	24VDC	0~1.5A	83%	± 5%	36W



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-CVP060N-05V-P02	5VDC	0~8A	76%	± 5%	40W
GP-CVP060N-12V-P02	12VDC	0~5A	85%	± 5%	60W
GP-CVP060N-24V-P02	24VDC	0~2.5A	86%	± 5%	60W

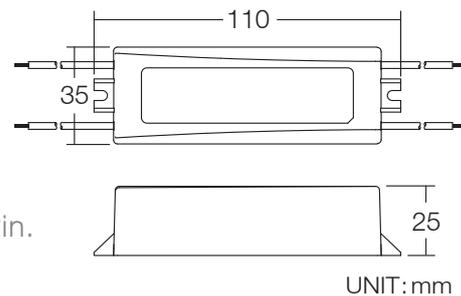


*All the specifications subject to change without notice.

GP-LE Series (36W ~ 150W)

**GP-LE036N Series**

Universal AC Input 90~264VAC.
 Operation from -20°C~40°C Full Load.
 Protections: OTP / SCP / OLP.
 Class II Power Design Without Earth Pin.

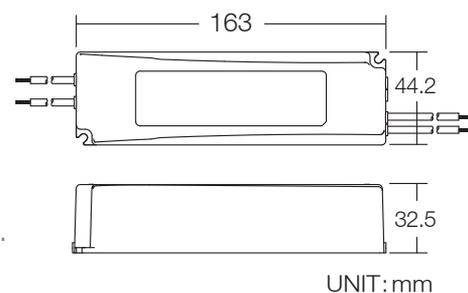


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-LE036N-12V	12VDC	0~3A	83%	± 5%	36W
GP-LE036N-24V	24VDC	0~1.5A	85%	± 5%	36W

CE FC LPS **IP67**

**GP-LE060N Series**

Universal AC Input 90~264VAC.
 Operation from -20°C~40°C Full Load.
 Protections: OTP / SCP / OLP.
 Class II Power Design Without Earth Pin.

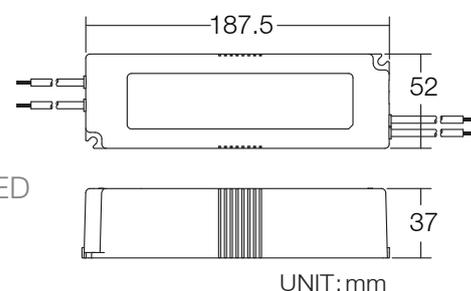


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-LE060N-12V	12VDC	0~5A	85%	± 5%	60W
GP-LE060N-24V	24VDC	0~2.5A	85%	± 5%	60W

CE FC LPS **IP67** (only 12V)

**GP-LE100N Series**

Universal AC Input 90~264VAC.
 Class 2 Power Supply Unit.
 Protections: OLP/ SCP/OTP/OVP.
 Suitable for Use in LED Strip Lights, LED
 Signage and Moving Signs.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-LE100N-12V	12VDC	0-8.5A	83%	± 6%	102W
GP-LE100N-24V	24VDC	0-4.2A	86%	± 5%	100W

CE FC SELV EQUIVALENT **IP67**

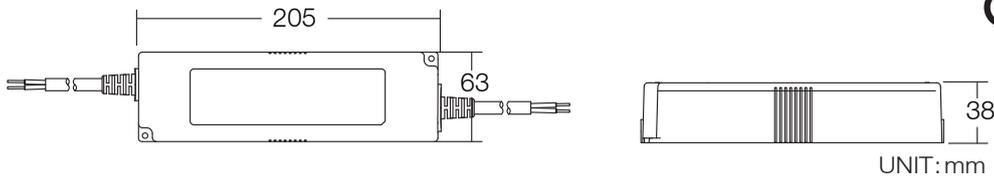
GP-LE Series (36W ~ 150W)

GP-LE150N Series



AC input 180 ~ 264 VAC.
 Class 2 Power Supply Unit.
 Fully isolated plastic case & isolation cable.
 No Load Consumption < 0.5W at 230VAC.
 Protections : OLP / SCP / OTP / OVP.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-LE150N-12V	12VDC	0-10A	87%	± 5%	120W
GP-LE150N-24V	24VDC	0-6.25A	89%	± 5%	150W



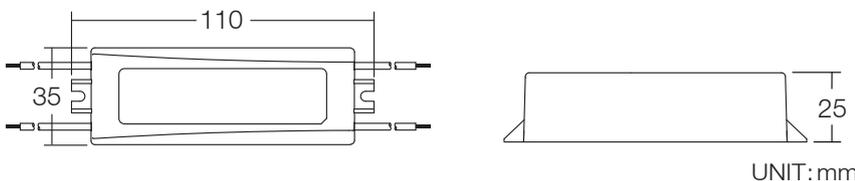
GP-HS Series (15W ~ 25W)

GP-HS15P Series



Universal AC Input 90~264VAC.
 Operation from -20°C~60°C Full Load.
 Protections: OTP / SCP / OLP.
 Class II Power Design Without Earth Pin.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-HS15P-12V	12VDC	0~1250mA	81%	± 5%	15W
GP-HS15P-24V	24VDC	0~630mA	83%	± 5%	15.1W
GP-HS15P-36V	36VDC	0~420mA	83%	± 5%	15.1W
GP-HS15P-48V	48VDC	0~300mA	84%	± 5%	14.4W



GP-HS Series (15W ~ 25W)**GP-HS25P Series**

Universal AC Input 90~295VAC.

Built-in PFC Function.

Protections: OTP / SCP / OVP.

THD < 20% at 240VAC/50Hz.

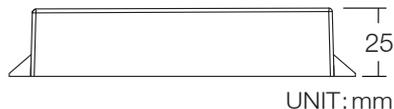
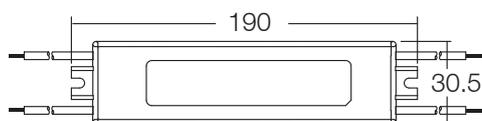
Operation from -20°C~50°C Full Load.

Class 2 Power Supply Unit.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-HS25P-12V	12VDC	0~2100mA	82%	± 5%	25.2W
GP-HS25P-18V	18VDC	0~1400mA	83%	± 5%	25.2W
GP-HS25P-24V	24VDC	0~1050mA	84%	± 5%	25.2W
GP-HS25P-36V	36VDC	0~700mA	85%	± 5%	25.2W
GP-HS25P-48V	48VDC	0~520mA	83%	± 5%	24.9W
GP-HS25P-52V	52VDC	0~480mA	84%	± 5%	24.9W

CE FC c UL US SELV EQUIVALENT IP67 (for 48V/52V only)

**GP-RS Series (Isolation Cable, 15W)****GP-RS15P Series**

Universal AC Input 90~264VAC.

No Load Consumption < 0.5W

Meet Application For ErP EU_1194_2012, Stage 3.

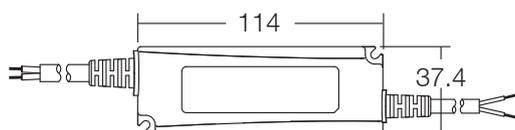
Operation from -20°C ~60°C Full Load.

Protections: OTP / SCP / OLP.

Class II Power Design Without Earth Pin.

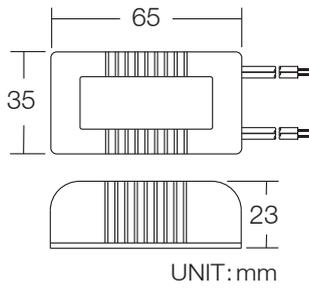


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-RS15P-12V	12VDC	0~1250mA	81%	± 5%	15W
GP-RS15P-24V	24VDC	0~630mA	83%	± 5%	15.1W
GP-RS15P-36V	36VDC	0~420mA	83%	± 5%	15.1W
GP-RS15P-48V	48VDC	0~300mA	84%	± 5%	14.4W



CE FC SELV IP67

GP-LV Series (6W ~ 20W)

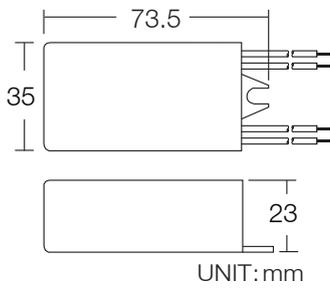


GP-LV5012AF

Universal AC input range (up to 264VAC).
 Class 2 power supply unit.
 Built-in active PFC function.
 Protections: SCP/OCP.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-LV5012AF	12VDC	0~500mA	67%	± 1.0V	6W



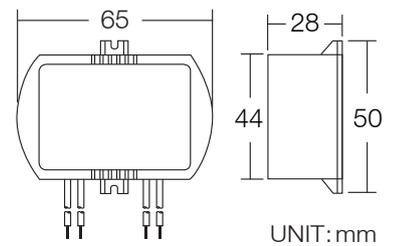
GP-LVxxxx-02 Series

Universal AC Input 90~264VAC.
 Operation from -10°C~40°C Full Load.
 Protections: SCP.
 Class II Power Design Without Earth Pin.



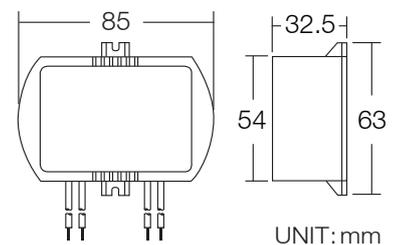
GP-LVxxxx-05 Series

Universal AC Input 90~264VAC.
 Protections:OTP/ SCP.
 Operation from -20°C ~50°C at Full Load.
 Class II Power Design Without Earth Pin.
 Tc Point Measured, Max Case Temperature:70°C.



GP-LVxxxx-15 Series

Universal AC Input Range (up to 264VAC).
 Class 2 Power Supply Unit.
 Built-in Active PFC Function.
 Protections: SCP / OCP.



GP-LV Series (6W ~ 20W)

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Watts 瓦
GP-LV5012-02	12VDC	0~500mA	75%	6W
GP-LV8312-02	12VDC	0~830mA	75%	10W
GP-LVA012-05	12VDC	0~1000mA	75%	12W
GP-LVA612-15	12VDC	0~1670mA	78%	20W



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Watts 瓦
GP-LV5024-05	24VDC	0~500mA	75%	12W
GP-LV8324-15	24VDC	0~830mA	73%	20W

LED Driver - Plastic Housing **CV - Terminal Blocks Type**

GP-CVP Series (12W ~ 36W)



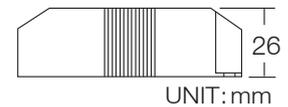
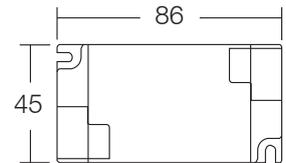
GP-CVP012N Series

Universal AC Input Range 90~264VAC.

Class 2 Power Supply Unit.

Protections : OCP / SCP.

No Load Consumption < 0.5W at 230VAC.



UNIT:mm

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-CVP012N-12V-T02	12VDC	0~1000mA	81%	± 5%	12W
GP-CVP012N-24V-T02	24VDC	0~500mA	83%	± 5%	12W



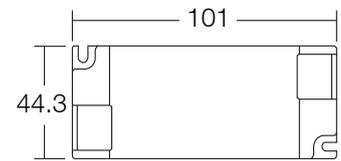
GP-CVP036N Series

Universal AC Input Range 90~264VAC.

Class 2 Power Supply Unit.

Protections : OCP/SCP/OTP/OVP.

No Load Consumption < 0.5W at 230VAC.



UNIT:mm

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-CVP036N-12V-T02	12VDC	0~3A	83%	± 5%	36W
GP-CVP036N-24V-T02	24VDC	0~1.5A	85%	± 5%	36W



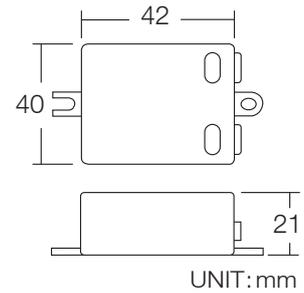
08 LED Driver - Plastic Housing **CV - Terminal Blocks Type**

GP-LV Series (6W ~ 10W)



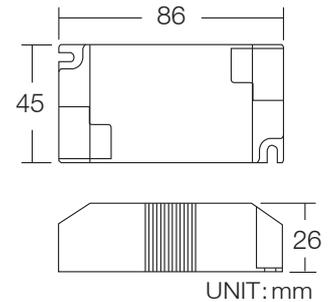
GP-LVxxx-01 Series

Universal AC Input 90~264VAC.
 Operation from -10°C~40°C Full Load.
 Protections: OVP / OLP/ SCP.
 Class II Power Design Without Earth Pin.



GP-LVxxx-03 Series

Universal AC Input 90~264VAC.
 Operation from -10°C~40°C Full Load.
 Protections: OVP / OLP/ SCP.
 Class II Power Design Without Earth Pin.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Watts 瓦
GP-LV5012-01	12VDC	0~500mA	75%	6W
GP-LV5012-03	12VDC	0~500mA	75%	6W
GP-LV8312-03	12VDC	0~830mA	75%	10W
GP-LV2524-01	24VDC	0~250mA	75%	6W
GP-LV2524-03	24VDC	0~250mA	75%	6W
GP-LV4124-03	24VDC	0~410mA	75%	10W



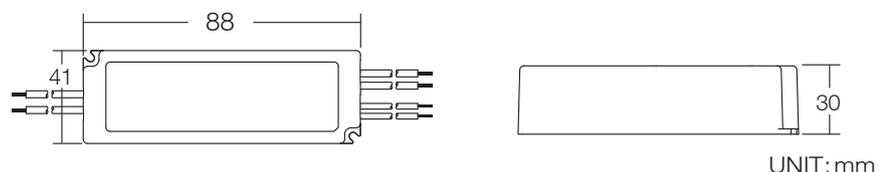
LED Driver - Plastic Housing **CV - PWM Style Output Dimming**

3-in-1 Dimming / GP-HS Series (20W~40W)

GP-HS20P-xxVA



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Watts 瓦
GP-HS20P-12VA	12VDC	0~1.7A	20.4W
GP-HS20P-24VA	24VDC	0~0.85A	20.4W



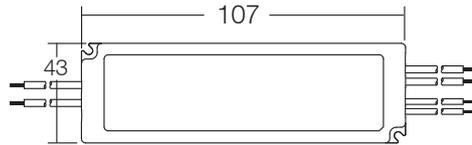
3-in-1 Dimming / GP-HS Series (20W~40W)

GP-HS40P-xxVA



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Watts 瓦
GP-HS40P-12VA	12VDC	0~3.4A	40.8W
GP-HS40P-24VA	24VDC	0~1.7A	40.8W

CE SELV IP67



UNIT:mm

3-in-1 Dimming / GP-LP Series (60W)

GP-LP060P-xxVA

Universal AC Input 90~305VAC.

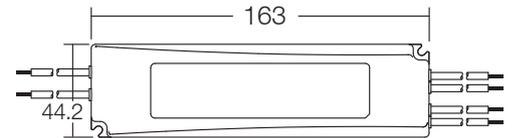
Class 2 Power Supply Unit.

Built in 2 Stage PFC Function.

Protections: OVP / OCP / SCP / OTP.

Cooling by Free Air Convection.

Constant Voltage 3 in 1 Dimming Type.



UNIT:mm



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-LP060P-12VA	12VDC	0~5000mA	85%	± 1V	60W
GP-LP060P-24VA	24VDC	0~2500mA	85%	± 1V	60W

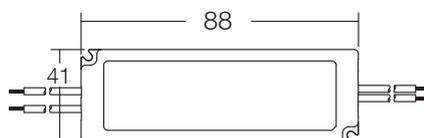
CE FC cULus LPS IP67

AC Triac Dimming / GP-TH Series (20W~75W)

GP-TH20N-xxV

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Watts 瓦
GP-TH20N-12V	12VDC	0~1.7A	20.4W
GP-TH20N-24V	24VDC	0~0.85A	20.4W

CE IP67



UNIT:mm



10 LED Driver - Plastic Housing **CV - PWM Style Output Dimming**

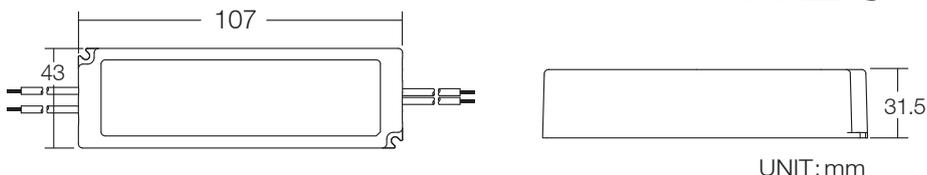
AC Triac Dimming / GP-TH Series (20W~75W)



GP-TH40N-xxV

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Watts 瓦
GP-TH40N-12V	12VDC	0~3.4A	40.8W
GP-TH40N-24V	24VDC	0~1.7A	40.8W

CE IP67

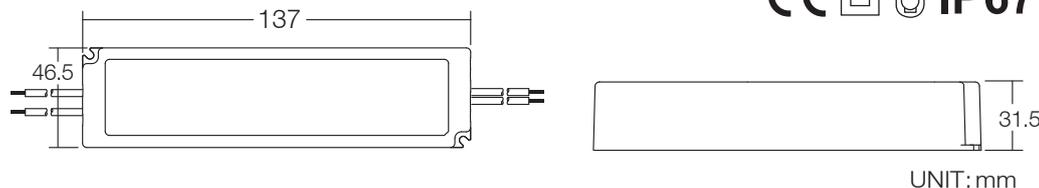


GP-TH75N-xxV



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Watts 瓦
GP-TH75N-12V	12VDC	0~5A	60W
GP-TH75N-24V	24VDC	0~3.2A	76.8W

CE IP67



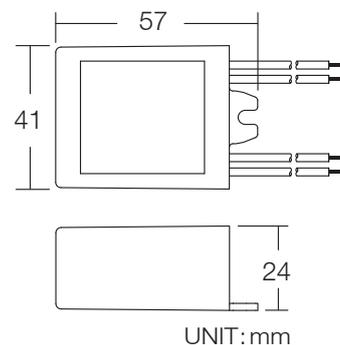
LED Driver - Plastic Housing **CC - IP**

GP-HS Series (4W ~ 60W)



GP-HS05N Series

Universal AC Input 90~264VAC.
 Protections: OCP/ SCP.
 Cooling by Free Air Convection.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS05N-07C	5~7.5V	700mA	70%	± 7%	5.2W
GP-HS05N-12C1	3~11.6V	400mA	70%	± 10%	4.6W
GP-HS05N-12C	7~12V	350mA	70%	± 7%	4.2W
GP-HS05N-24C	15~24V	200mA	70%	± 7%	4.8W

CE FC LPS SELV EQUIVALENT IP67

GP-HS Series (4W ~ 60W)**GP-HS08N Series**

Universal AC Input from 90~295VAC.

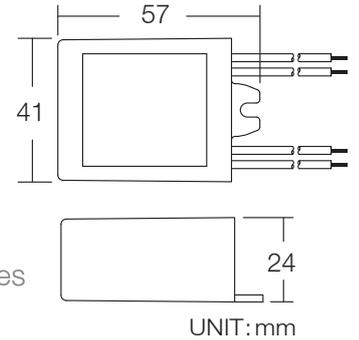
Protections: OCP / SCP.

Complete Rated Current from 250mA~680mA.

No Load Consumption < 0.5W.

Set Up Time < 0.5 Sec at 230VAC.

Compliant with ErP EU_1194_2012, Stage 3 Directives for Energy Related Products.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS08N-11C	3~11V	680mA	73%	± 7%	7.4W
GP-HS08N-14C	5~14.5V	500mA	75%	± 7%	7.2W
GP-HS08N-21C	10~21V	350mA	75%	± 7%	7.3W
GP-HS08N-21C1	10~24V	300mA	75%	± 7%	7.2W
GP-HS08N-28C	14~28V	250mA	78%	± 7%	7W

CE FC LPS SELV EQUIVALENT   **IP67**

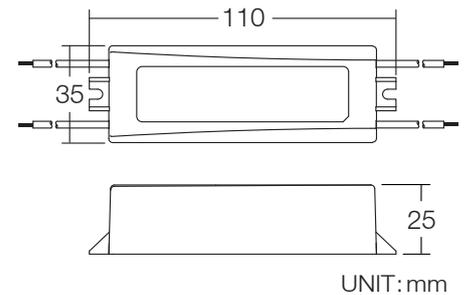
**GP-HS10P Series**

Universal AC Input 90~264VAC.

Operation from -20°C~60°C Full Load.

Protections: OTP / SCP.

Class II Power Design Without Earth Pin.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS10P-12C	8~12VDC	1000mA	81%	± 5%	12W
GP-HS10P-24C	14~24VDC	500mA	83%	± 5%	12W
GP-HS10P-24C2	14~27VDC	350mA	82%	± 5%	9.5W
GP-HS10P-36C	24~36VDC	350mA	83%	± 5%	12.6W
GP-HS10P-36C1	24~36VDC	270mA	81%	± 5%	9.7W
GP-HS10P-48C	26~48VDC	250mA	84%	± 5%	12W
GP-HS10P-48C1	26~48VDC	270mA	81%	± 5%	12.9W

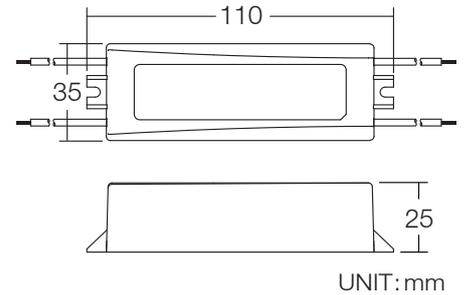
CE FC cULus SELV   **IP67**

GP-HS Series (4W ~ 60W)

GP-HS15P Series



Universal AC Input 90~264VAC.
 Built-in Constant Current Limiting Design.
 Operation from -20°C~60°C Full Load.
 Protections: OTP / SCP.
 Class II Power Design Without Earth Pin.



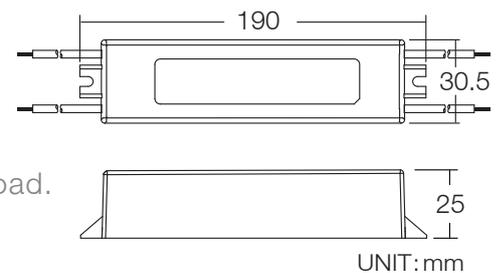
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS15P-12C	8~12VDC	1250mA	81%	± 5%	15W
GP-HS15P-22C1	14~24VDC	700mA	83%	± 5%	16.8W
GP-HS15P-30C	24~30VDC	500mA	83%	± 5%	15W
GP-HS15P-42C	26~42VDC	350mA	84%	± 5%	14.7W

CE FC cUL^{us} SELV IP67

GP-HS25P Series



Universal AC Input 90~295VAC.
 Built-in PFC Function.
 Protections: OTP / SCP / OVP.
 THD < 20% at 240VAC/50Hz.
 Operation From -20°C~50°C Full Load.
 Class 2 Power Supply Unit.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS25P-12C	8~12VDC	2100mA	82%	± 8%	25.2W
GP-HS25P-18C	12~18VDC	1400mA	83%	± 8%	25.2W
GP-HS25P-24C	16~24VDC	1050mA	84%	± 8%	25.2W
GP-HS25P-36C	21~36VDC	700mA	85%	± 8%	25.2W
GP-HS25P-48C1	33~42VDC	600mA	84%	± 8%	25.2W
GP-HS25P-48C	35~48VDC	520mA	85%	± 8%	24.9W
GP-HS25P-52C	42~52VDC	480mA	85%	± 8%	24.9W
GP-HS25P-52C1	42~52VDC	350mA	82%	± 8%	18.2W

CE FC cUL^{us} SELV EQUIVALENT IP67 (for 48V/52V only)

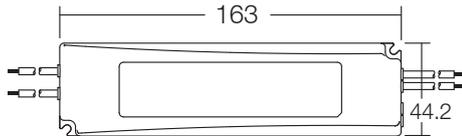
GP-HS Series (4W ~ 60W)**C1 Type****C Type****GP-HS60P Series**

Universal AC Input 90~305VAC.

Built-in PFC Function.

Protections: OVP / OCP / SCP / OTP.

Class II Power.



UNIT:mm

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS60P-24C1	16~24V	2.2A	86%	± 5%	52.8W
GP-HS60P-42C1	28~42V	1.4A	86%	± 5%	58.8W
GP-HS60P-48C	33~48V	1.2A	88%	± 5%	57.6W

**GP-RS Series (Isolation Cable, 12W ~ 60W)****GP-RS10P Series**

Universal AC Input 90~264VAC.

No Load Consumption < 0.5W

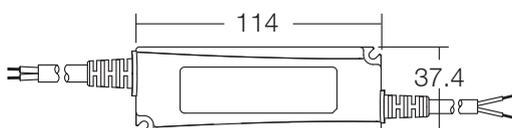
Meet Application For ErP EU_1194_2012, Stage 3.

Operation from -20°C ~60°C Full Load.

Protections: OTP / SCP.

Class II Power Design Without Earth Pin.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS10P-12C	8-12VDC	1000mA	81%	± 5%	12W
GP-RS10P-24C	14-24VDC	500mA	83%	± 5%	12W
GP-RS10P-36C	24-36VDC	350mA	83%	± 5%	12.6W
GP-RS10P-48C	26-48VDC	250mA	84%	± 5%	12W



UNIT:mm

GP-RS Series (Isolation Cable, 12W ~ 60W)



GP-RS15P Series

Universal AC Input 90~264VAC.

No Load Consumption < 0.5W

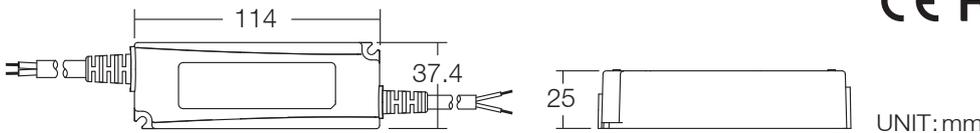
Meet Application For ErP EU_1194_2012, Stage 3.

Operation from -20°C~60°C Full Load.

Protections: OTP / SCP.

Class II Power Design Without Earth Pin.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS15P-12C	8~12VDC	1250mA	81%	± 5%	15W
GP-RS15P-22C	14~22VDC	700mA	83%	± 5%	15.4W
GP-RS15P-30C	24~30VDC	500mA	83%	± 5%	15W
GP-RS15P-42C	26~42VDC	350mA	84%	± 5%	14.7W



CE FC SELV IP67



GP-RS45P Series

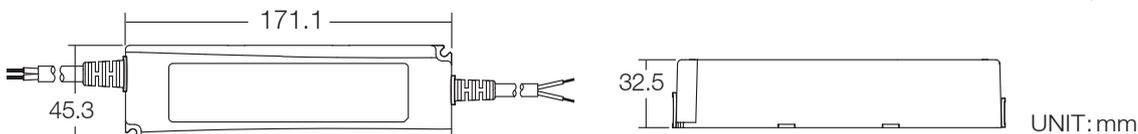
Universal AC Input 90~305VAC.

Built-in PFC Function.

Protections: OVP / OCP / SCP / OTP .

Class II/2 Power

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS45P-24C	16~24VDC	1.85A	85%	± 5%	44.4W
GP-RS45P-36C	24~36VDC	1.25A	86%	± 5%	45W
GP-RS45P-42C	33~42VDC	1.05A	86%	± 5%	44.1W
GP-RS45P-48C	33~48VDC	1A	87%	± 5%	48W
GP-RS45P-57C	40~57VDC	0.7A	87%	± 5%	40W



CE FC cULus SELV F 110 IP67

GP-RS Series (Isolation Cable, 12W ~ 60W)**GP-RS60P Series**

Universal AC Input 90~305VAC.

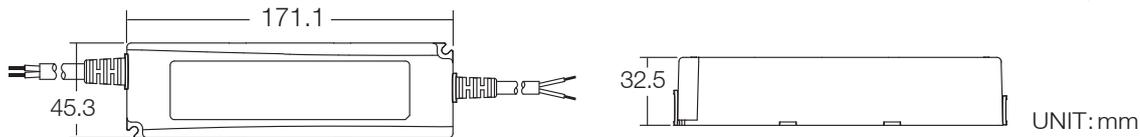
Built-in PFC Function.

Protections: OVP / OCP / SCP / OTP .

Class II/2 Power

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS60P-12C	9~12VDC	4.2A	86%	± 5%	50.4W
GP-RS60P-24C	16~24VDC	2.5A	86%	± 5%	60W
GP-RS60P-36C	24~36VDC	1.65A	87%	± 5%	59.4W
GP-RS60P-42C	33~42VDC	1.4A	87%	± 5%	58.8W
GP-RS60P-48C	33~48VDC	1.2A	88%	± 5%	57.6W
GP-RS60P-57C	40~57VDC	1.05A	88%	± 5%	59.8W

CE FC cULus SELV F 110 IP67

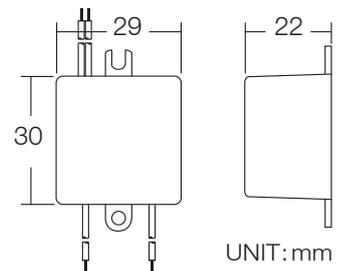
**GP-LC Series (2.4W ~ 20W)****GP-LCxxxx-06 Series**

Universal AC Input 90~264VAC.

Operation from -10°C ~40°C Full Load.

Protections:OVP/OLP/ SCP.

Class II Power Design Without Earth Pin.

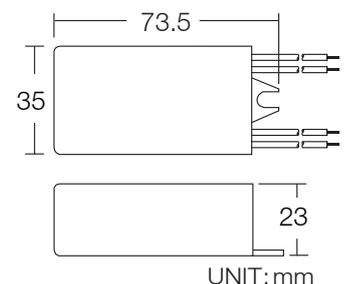
**GP-LCxxxx-02 Series**

Universal AC Input 90~264VAC.

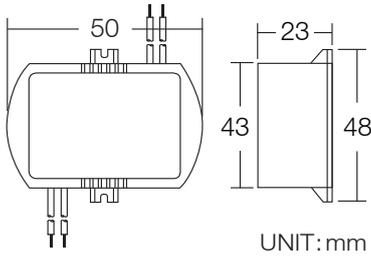
Operation from -10°C~40°C Full Load.

Protections: OVP / OLP/ SCP.

Class II Power Design Without Earth Pin.



GP-LC Series (2.4W ~ 20W)



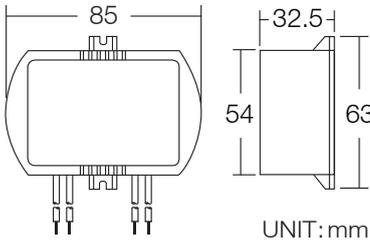
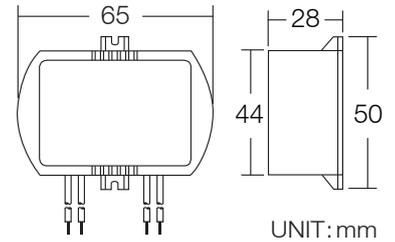
GP-LCxxx-08 Series

Universal AC Input 90~264VAC.
 Operation from -10°C~40°C Full Load.
 Protections: OVP / OLP/ SCP.
 Class II Power Design Without Earth Pin.



GP-LCxxx-05 Series

Universal AC Input 90~264VAC.
 Protections:OTP/OLP/ SCP.
 Operation from -20°C~50°C at Full Load.
 Class II Power Design Without Earth Pin.
 Tc Point Measured ,Max Case Temperature:70°C.



GP-LCxxx-15 Series

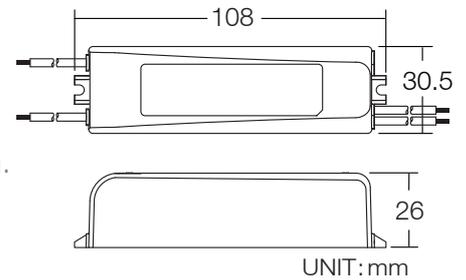
Universal AC Input Range (up to 264VAC).
 Class 2 Power Supply Unit.
 Built-in Active PFC Function.
 Protections: SCP / OCP.



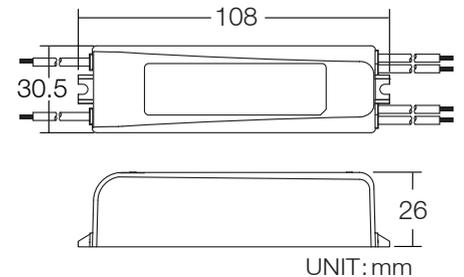
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Tolerance(A) 公差	Watts 瓦
GP-LC3512-06	3~8VDC	350mA	± 6%	2.4W
GP-LC3513-06	6~12VDC	350mA	± 6%	3.6W
GP-LC3536-02	3~36VDC	350mA	± 6%	8W
GP-LC3536-08	3~36VDC	350mA	± 6%	8W
GP-LC3536-05	3~36VDC	350mA	± 6%	12W
GP-LC3554-15	10~54VDC	350mA	± 6%	16W
GP-LC3556-15	32~56VDC	350mA	± 6%	20W
GP-LC5026-15	10~26VDC	500mA	± 6%	13W
GP-LC7012-06	3~5VDC	700mA	± 6%	3W
GP-LC7021-02	3~21VDC	700mA	± 6%	9W
GP-LC7021-08	3~21VDC	700mA	± 6%	9W
GP-LC7034-15	20~34VDC	700mA	± 6%	20W

GP-LS Series (12W ~ 33W)**GP-LS10P Series**

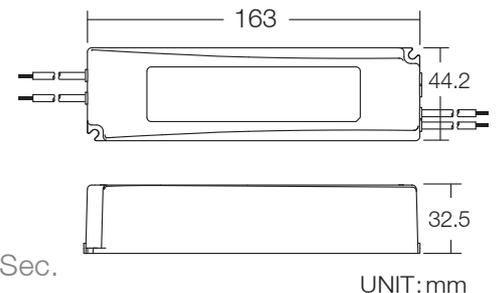
Universal AC Input 90~264VAC.
 Operation from -20°C~70°C Full Load.
 Protections: OVP / OLP/ SCP.
 Class II Power Design Without Earth Pin.
 Cooling by Free Air Convection.
 UL1310 Class 2 Power Unit .

**GP-LS10P-xxA Series**

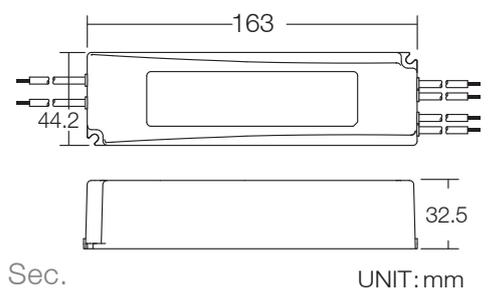
Universal AC Input 90~264VAC.
 Operation from -20°C~70°C Full Load.
 Protections: OVP/OLP/SCP.
 Class II Power Design Without Earth Pin.
 Cooling by Free Air Convection.
 UL1310 Class 2 Power Unit.
 Dimming Control by External Voltage of PWM or Analog.

**GP-LS35P Series**

Universal AC Input 90~264VAC.
 Built-in PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 Cooling by Free Air Convection.
 Class 2 Power Supply Unit.
 Withstand 277VAC Surge Input for 10 Sec.

**GP-LS35P-xxA Series**

Universal AC Input 90~264VAC.
 Dimming Type: PWM/ DC.
 Built-in PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 Cooling by Free Air Convection.
 Class 2 Power Supply Unit.
 Withstand 277VAC Surge Input for 10 Sec.



GP-LS Series (12W ~ 33W)

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS10P-36	18~36VDC	340mA	84%	± 10%	12W
GP-LS10P-35A	4~35VDC	340mA	80%	± 10%	12W
GP-LS10P-18	9~18VDC	680mA	81%	± 10%	12W
GP-LS10P-17A	4~17VDC	680mA	80%	± 10%	12W
GP-LS35P-48	5~48VDC	700mA	86%	± 10%	33.6W
GP-LS35P-42A	5~42VDC	700mA	84%	± 10%	29.4W
GP-LS35P-30	5~30VDC	1050mA	85%	± 10%	31.5W

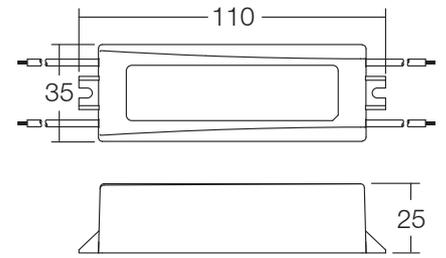
CE FC LPS   IP67

GP-LE Series (33W ~ 60W)



GP-LE036N Series

Universal AC Input 90~264VAC.
Operation from -20°C~40°C Full Load.
Protections: OTP / OLP/ SCP.
Class II Power Design Without Earth Pin.



UNIT:mm

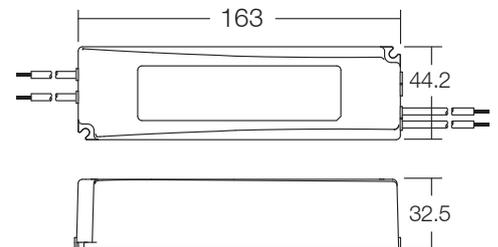
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LE036N-36C	24~36VDC	1.05A	85%	± 8%	37.8W
GP-LE036N-48C	36~48VDC	700mA	85%	± 8%	33.6W

CE FC  us LPS     IP67



GP-LE060N Series

Universal AC Input 90~264VAC.
Operation from -20°C~40°C Full Load.
Protections: OTP / OLP/ SCP/ OVP.
Class II Power Design Without Earth Pin.



UNIT:mm

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LE060N-36C	25~36VDC	1.67A	85%	± 8%	60W
GP-LE060N-42C	28~42VDC	1.4A	85%	± 8%	58.8W
GP-LE060N-48C	32~48VDC	1.05A	85%	± 8%	50.4W

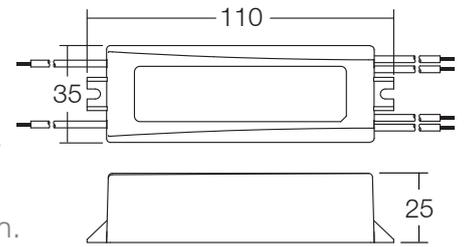
CE FC LPS     IP67

GP-HS Series (8W ~ 60W)

GP-HS10P-xxCA / GP-HS15P-xxCA Series



Universal AC Input 90~264VAC.
 Built-in 3-in-1 Dimming Design.
 Operation from -20°C ~60°C Full Load.
 Protections: OTP / SCP.
 Class II Power Design Without Earth Pin.



UNIT:mm

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS10P-24CA	14~24VDC	500mA	82%	± 5%	12W
GP-HS10P-24CA2	14~27VDC	350mA	80%	± 5%	9.5W
GP-HS10P-36CA2	20~36VDC	350mA	81%	± 5%	12.6W
GP-HS10P-48CA	26~48VDC	250mA	81%	± 5%	12W
GP-HS15P-12CA	8~12VDC	1250mA	80%	± 5%	15W
GP-HS15P-24CA	14~24VDC	700mA	83%	± 5%	16.8W
GP-HS15P-30CA	24~30VDC	500mA	83%	± 5%	15W
GP-HS15P-42CA	26~42VDC	350mA	82%	± 5%	14.7W

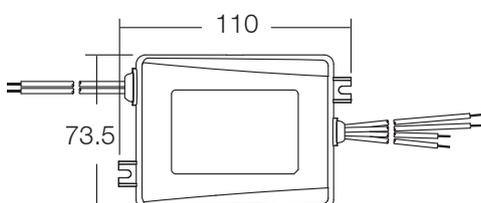
CE FC SELV IP67

GP-HS35P-48CA Series



Universal AC Input 90~305VAC.
 Built-in Active PFC Function.
 Protections: OVP/ SCP/ OTP.
 3-in-1 Dimming Function (DC 0-10V, PWM, and Resistor).
 Compliant with ErP EU 1194/2012, Stage 3 Directives for Energy Related Products.
 No Load Consumption is Less Than 0.5W.
 Set Up Time is Less Than 0.5 Sec at 230VAC.
 THD Less Than 20% at 277VAC.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS35P-48CA	33~48VDC	700mA	83%	± 5%	33.6W



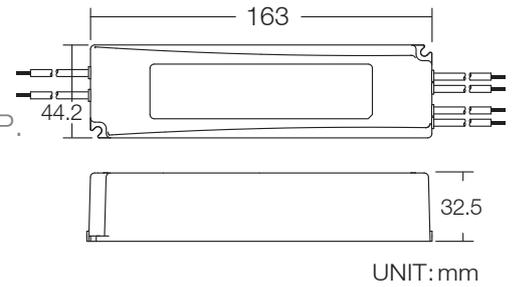
UNIT:mm

CE FC SELV EQUIVALENT IP67

20 LED Driver - Plastic Housing **CC Dimming - IP**
GP-HS Series (8W ~ 60W)

GP-HS60P-24CA1 Series

Universal AC Input 90~305VAC.
 Built-in PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 Built-in 3-in-1 Dimming Function.
 Class II Power.

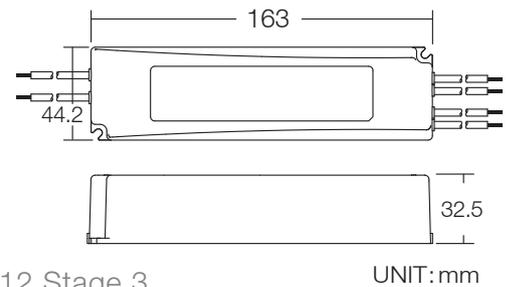


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS60P-24CA1	16~24VDC	2.2A	86%	± 5%	52.8W



GP-HS60P-42CA1 Series

Universal AC Input 90~305VAC.
 Built-in Active PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 Built-in 3-in-1 Dimming Function.
 Class II Power.
 THD < 20% at 230VAC.
 No Load Consumption < 0.5W.
 Set Up Time < 0.5 Sec at 230VAC.
 Meet Application for ErP EU_1194_2012, Stage 3.

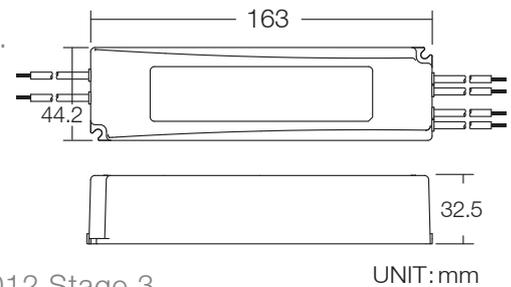


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS60P-42CA1	28~42VDC	1.4A	87%	± 5%	58.8W



GP-HS60P-42CA2 Series

Universal AC input 90~305VAC.
 Built-in Active PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 Built-in 3-in-1 Dimming Function.
 Class II Power.
 THD < 20% at 230VAC.
 No Load Consumption < 0.5W.
 Set up time < 0.5 Sec at 230VAC.
 Meet application for ErP EU_1194_2012, Stage 3.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS60P-42CA2	28~42VDC	1.2A	87%	± 5%	50.4W



GP-RS Series (Isolation Cable, 8W ~ 60W)

GP-RS10P-xxCA Series

Universal AC Input 90~264VAC.

Built-in 3-in-1 Dimming Design.

No Load Consumption < 0.5W.

Meet Application For ErP EU_1194_2012, Stage 3.

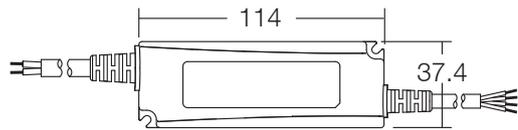
Operation from -20°C ~60°C Full Load.

Protections: OTP / SCP.

Class II Power Design Without Earth Pin.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS10P-24CA1	14~24VDC	350mA	80%	± 5%	8.4W
GP-RS10P-36CA	24~36VDC	350mA	81%	± 5%	12.6W



CE FC SELV   IP67

GP-RS15P-xxCA Series

Universal AC Input 90~264VAC.

Built-in 3-in-1 Dimming Design.

No Load Consumption < 0.5W

Meet Application For ErP EU_1194_2012, Stage 3.

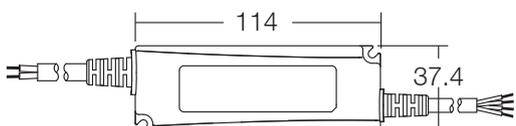
Operation from -20°C ~60°C Full Load.

Protections: OTP / SCP.

Class II Power Design Without Earth Pin.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS15P-12CA	8~12VDC	1250mA	80%	± 5%	15W
GP-RS15P-24CA	14~24VDC	700mA	83%	± 5%	16.8W
GP-RS15P-30CA	24~30VDC	500mA	83%	± 5%	15W
GP-RS15P-42CA	26~42VDC	350mA	82%	± 5%	14.7W



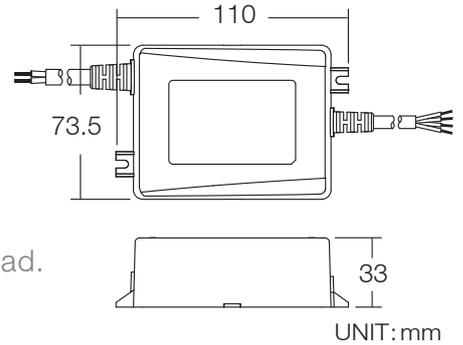
CE FC SELV   IP67

GP-RS Series (Isolation Cable, 8W ~ 60W)



GP-RS26P-xxCA Series

Universal AC Input 90~305VAC.
 Built-in PFC Function.
 Built-in 3-in-1 Dimming Design.
 Protections: OVP / SCP / OTP.
 Operation From -20°C ~50°C Full Load.
 Class 2 Power Supply Unit.



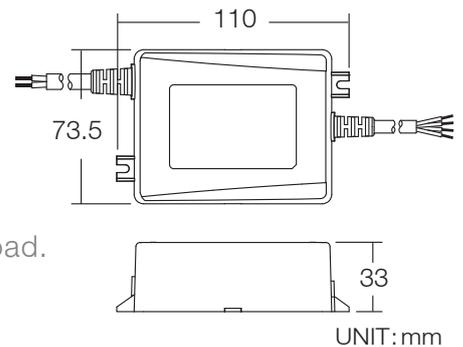
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS26P-12CA	9~12VDC	2100mA	79%	± 5%	25.2W
GP-RS26P-24CA	14~24VDC	1050mA	80%	± 5%	25.2W
GP-RS26P-36CA	24~36VDC	700mA	80%	± 5%	25.2W
GP-RS26P-42CA	33~42VDC	600mA	80%	± 5%	25.2W
GP-RS26P-48CA	33~48VDC	500mA	80%	± 5%	24W
GP-RS26P-57CA	40~57VDC	350mA	78%	± 5%	20W

CE FC cULus SELV IP67



GP-RS35P-xxCA Series

Universal AC Input 90~305VAC.
 Built-in PFC Function.
 Built-in 3-in-1 Dimming Design.
 Protections: OVP / SCP / OTP.
 Operation From -20°C ~50°C Full Load.
 Class 2 Power Supply Unit.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS35P-12CA	9~12VDC	2500mA	80%	± 5%	30W
GP-RS35P-24CA	14~24VDC	1400mA	81%	± 5%	33.6W
GP-RS35P-36CA	24~36VDC	1000mA	82%	± 5%	36W
GP-RS35P-42CA	33~42VDC	800mA	82%	± 5%	33.6W
GP-RS35P-48CA	33~48VDC	700mA	83%	± 5%	33.6W
GP-RS35P-57CA	40~57VDC	500mA	82%	± 5%	28.5W

CE FC cULus SELV IP67

GP-RS Series (Isolation Cable, 8W ~ 60W)**GP-RS45P-xxCA Series**

Universal AC Input 90~305VAC.

Built-in PFC Function.

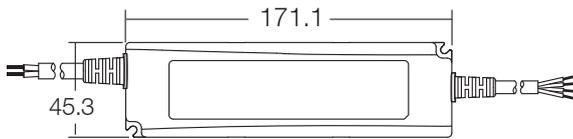
Protections: OVP / OCP / SCP / OTP .

Built-in 3-in-1 Dimming Design.

Class II/2 Power .

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS45P-24CA	16~24VDC	1.85A	85%	± 5%	44.4W
GP-RS45P-36CA	24~36VDC	1.25A	86%	± 5%	45W
GP-RS45P-42CA	33~42VDC	1.05A	86%	± 5%	44.1W
GP-RS45P-48CA	33~48VDC	1A	87%	± 5%	48W
GP-RS45P-57CA	40~57VDC	0.7A	87%	± 5%	40W

CE FC cULus SELV F 110 IP67

**GP-RS60P-xxCA Series**

Universal AC Input 90~305VAC.

Built-in PFC Function.

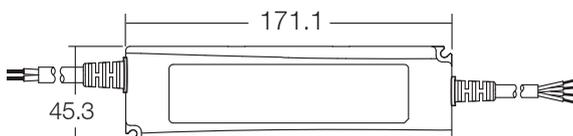
Protections: OVP / OCP / SCP / OTP .

Built-in 3-in-1 Dimming Design.

Class II/2 Power .

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS60P-12CA	9~12VDC	4.2A	86%	± 5%	50.4W
GP-RS60P-24CA	16~24VDC	2.5A	86%	± 5%	60W
GP-RS60P-36CA	24~36VDC	1.65A	87%	± 5%	59.4W
GP-RS60P-42CA	33~42VDC	1.4A	87%	± 5%	58.8W
GP-RS60P-48CA	33~48VDC	1.2A	88%	± 5%	57.6W
GP-RS60P-57CA	40~57VDC	1.05A	88%	± 5%	59.8W

CE FC cULus SELV F 110 IP67

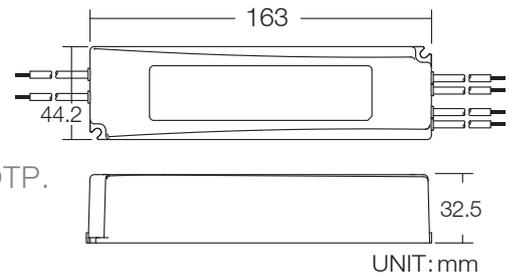


24 LED Driver - Plastic Housing **CC Dimming - IP**
GP-LP Series (60W ~ 75W)



GP-LP060P-xxA Series

Universal AC Input 90~305VAC.
 Class 2 Power Supply Unit.
 Built-in PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 Cooling by Free Air Convection.



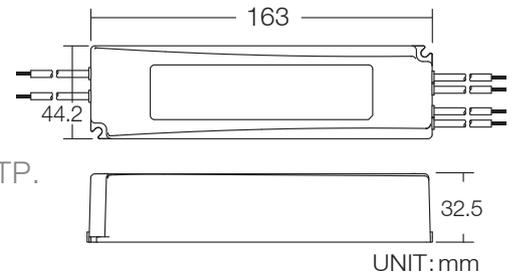
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LP060P-24A	12~24VDC	2500mA	87%	± 5%	60W
GP-LP060P-36A	24~36VDC	1700mA	87%	± 5%	61W

CE FC cULus LPS F 110 IP67



GP-LP075P-xxA Series

Universal AC Input 90~305VAC.
 Class 2 Power Supply Unit.
 Built-in PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 Cooling by Free Air Convection.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LP075P-24A	12~24VDC	3125mA	87%	± 5%	75W
GP-LP075P-28A	20~28VDC	2670mA	87%	± 5%	75W
GP-LP075P-36A	24~36VDC	2080mA	87%	± 5%	75W
GP-LP075P-48A	36~48VDC	1560mA	87%	± 5%	75W

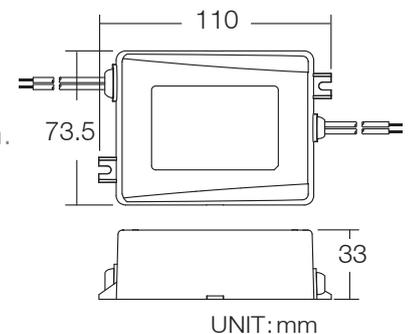
CE FC cULus LPS F 110 IP67

LED Driver - Plastic Housing **CV + CC - IP**
GP-HS Series (35W)



GP-HS35P Series

Universal AC Input 90~305VAC.
 Constant Voltage / Constant Current Operation.
 Built-in PFC Function.
 Protections: OVP / SCP / OTP.
 Operation From -20°C ~50°C Full Load.
 Class 2 Power Supply Unit.



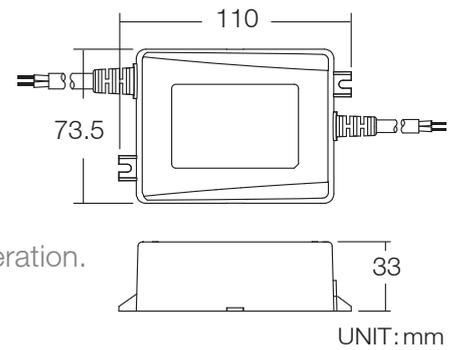
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-HS35P-48C	33~48VDC	700mA	83%	± 5%	33.6W

CE FC SELV EQUIVALENT cULus IP67

GP-RS26P Series



Universal AC Input 90~305VAC.
 Built-in PFC Function.
 Protections: OVP / SCP / OTP.
 Operation From -20°C ~50°C Full Load.
 Constant Voltage / Constant Current Operation.
 Class 2 Power Supply Unit.



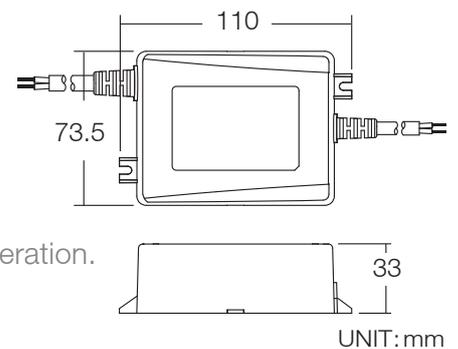
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS26P-12C	9~12VDC	2100mA	79%	± 5%	25.2W
GP-RS26P-24C	14~24VDC	1050mA	80%	± 5%	25.2W
GP-RS26P-36C	24~36VDC	700mA	80%	± 5%	25.2W
GP-RS26P-42C	33~42VDC	600mA	80%	± 5%	25.2W
GP-RS26P-48C	33~48VDC	500mA	80%	± 5%	24W
GP-RS26P-57C	40~57VDC	350mA	78%	± 5%	20W



GP-RS35P Series



Universal AC Input 90~305VAC.
 Built-in PFC Function.
 Protections: OVP / SCP / OTP.
 Operation From -20°C ~50°C Full Load.
 Constant Voltage / Constant Current Operation.
 Class 2 Power Supply Unit.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-RS35P-12C	9~12VDC	2500mA	80%	± 5%	30W
GP-RS35P-24C	14~24VDC	1400mA	81%	± 5%	33.6W
GP-RS35P-36C	24~36VDC	1000mA	82%	± 5%	36W
GP-RS35P-42C	33~42VDC	800mA	82%	± 5%	33.6W
GP-RS35P-48C	33~48VDC	700mA	83%	± 5%	33.6W
GP-RS35P-57C	40~57VDC	500mA	82%	± 5%	28.5W



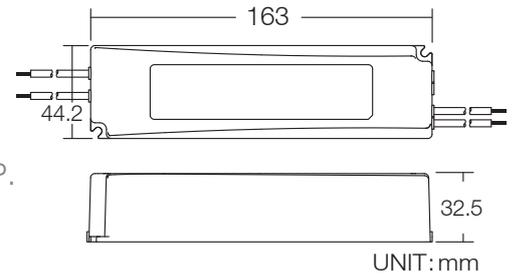
26 LED Driver - Plastic Housing **CV + CC - IP**

GP-LP Series (60W ~ 75W)



GP-LP060P Series

Universal AC Input 90~305VAC.
 Class 2 Power Supply Unit.
 Built-in PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 Cooling by Free Air Convection.

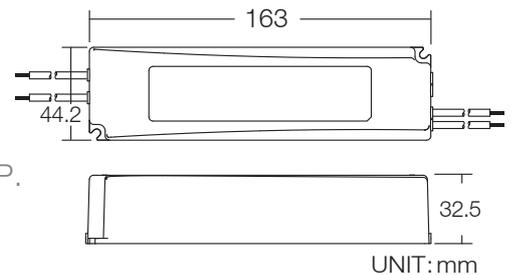


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LP060P-24	12~24VDC	2500mA	87%	± 5%	60W
GP-LP060P-36	24~36VDC	1700mA	87%	± 5%	61W
GP-LP060P-48	36~48VDC	1250mA	87%	± 5%	60W



GP-LP075P Series

Universal AC Input 90~305VAC.
 Class 2 Power Supply Unit.
 Built-in PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 Cooling by Free Air Convection.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LP075P-24	12~24VDC	3125mA	87%	± 5%	75W
GP-LP075P-28	20~28VDC	2670mA	87%	± 5%	75W
GP-LP075P-36	24~36VDC	2080mA	87%	± 5%	75W
GP-LP075P-48	36~48VDC	1560mA	87%	± 5%	75W



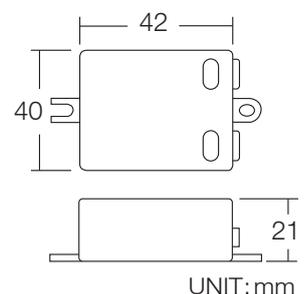
LED Driver - Plastic Housing **CC - Terminal Blocks Type**

GP-LC Series (3W ~ 48W)



GP-LCxxxx-01 Series

Universal AC Input 90~264VAC.
 Operation from -10°C~40°C Full Load.
 Protections: OVP / OLP/ SCP.
 Class II Power Design Without Earth Pin.

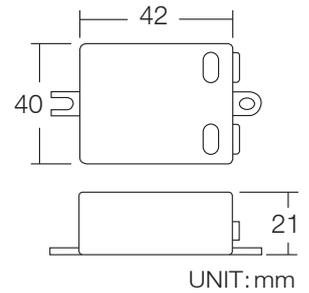


GP-LC Series (3W ~ 25W)



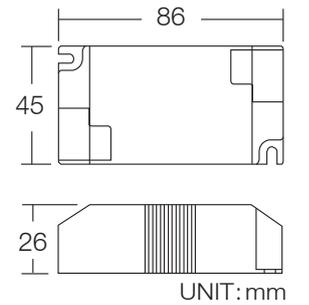
GP-LCxxxx-01 Series

Universal AC Input 90~264VAC.
Operation from -10°C~40°C Full Load.
Protections: OVP / OLP/ SCP.
Class II Power Design Without Earth Pin.



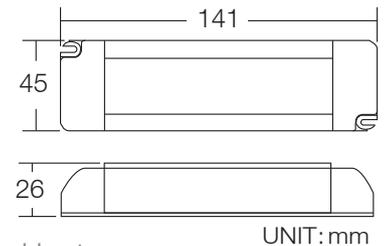
GP-LCxxxx-03 Series

Universal AC Input 90~264VAC.
Operation from -10°C~40°C Full Load.
Protections: OVP / OLP/ SCP.
Class II Power Design Without Earth Pin.



GP-LCxxxx-04 Series

Universal Input Range from 90~264VAC.
Terminal Screw for Safe Connection.
With PFC Function Design.
IP20 for Dry Location.
Protection : Auto-Recovery Mode.
Protections: Short-Circuit / Over Load / Over Heat.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Tolerance(A) 公差	Watts 瓦
GP-LC3512-01	3~12VDC	350mA	± 6%	3W
GP-LC3512-03	3~12VDC	350mA	± 6%	3W
GP-LC3522-03	3~22VDC	350mA	± 6%	6W
GP-LC3536-03	3~36VDC	350mA	± 6%	8W
GP-LC3554-04	10~54VDC	350mA	± 6%	16W
GP-LC5050-04	36~50VDC	500mA	± 6%	25W

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Tolerance(A) 公差	Watts 瓦
GP-LC7012-01	3~12VDC	700mA	± 6%	6W
GP-LC7021-03	3~21VDC	700mA	± 6%	9W
GP-LC7034-04	3~34VDC	700mA	± 6%	18W
GP-LC7036-04	25~36VDC	700mA	± 6%	25W
GP-LCA025-04	15~25VDC	1000mA	± 6%	25W

GP-HS15P Series (15W)

GP-HS15P-42C



Universal AC Input from 90~264VAC.

Protection: SCP and OTP.

Class II Power Design Without Earth Pin.

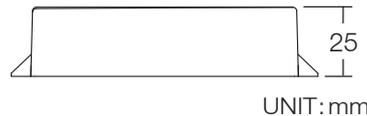
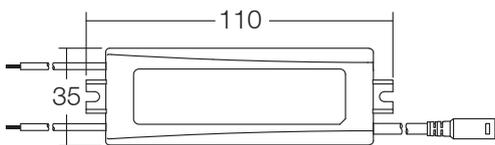
Operating Temperature from -20°C~60°C at Full Load.

Set Up Time is Less Than 0.5 Sec at Full Load.

Compliant with ErP EU 1194/2012, Stage 3 Directives for Energy Related Products.

DC Power Jack /Connector 2.1mm x 5.5mm Easy for Installation and Maintenance.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-HS15P-42C	26~42VDC	350mA	84%	± 5%	14.7W



CE FC SELV IP67

GP-HS15P-42CA



Universal AC Input from 90~264VAC.

3-in-1 Dimming Function: 0-10V, PWM, or Resistor.

Protection: SCP / OTP.

Class II Power Design Without Earth Pin.

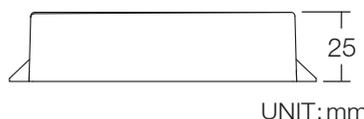
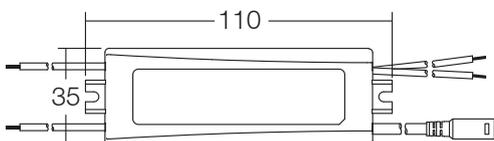
Operating Temperature from -20°C~60°C at Full Load.

Set Up Time is Less Than 0.5 Sec at Full Load.

Compliant with ErP EU 1194/2012, Stage 3 Directives for Energy Related Products.

DC Power Jack / Connector 2.1mm x 5.5mm Easy for Installation and Maintenance.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-HS15P-42CA	26~42VDC	350mA	82%	± 5%	14.7W



CE FC SELV IP67

GP-RS35P Series (35W)

GP-RS35P-42C



Universal AC Input from 90~305VAC.

Built-in Active PFC Function.

Protections: OVP/ SCP/ OTP.

Compliant with ErP EU 1194/2012, Stage 2 Directives for Energy Related Products.

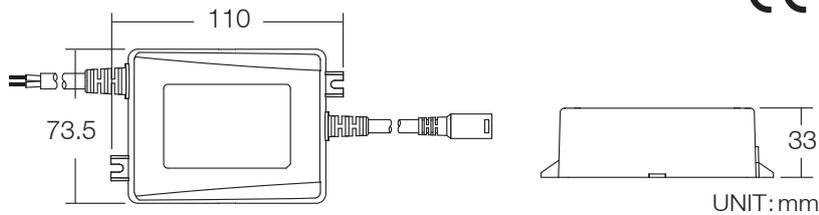
No Load Consumption is Less Than 1W.

Set Up Time is Less Than 0.5 Sec at 230VAC.

DC Power Jack /Connector 2.1mm x 5.5mm easy for Installation and Maintenance.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-RS35P-42C	33~42VDC	800mA	82%	± 5%	33.6W

CE FC cULus SELV IP67



GP-RS35P-42CA



Universal AC Input from 90~305VAC.

Built-in Active PFC Function.

Protections: OVP / SCP / OTP.

3-in-1 Dimming Function (DC 0-10 V, PWM, and Resistor).

Compliant with ErP EU 1194/2012, Stage 2 Directives for Energy Related Products.

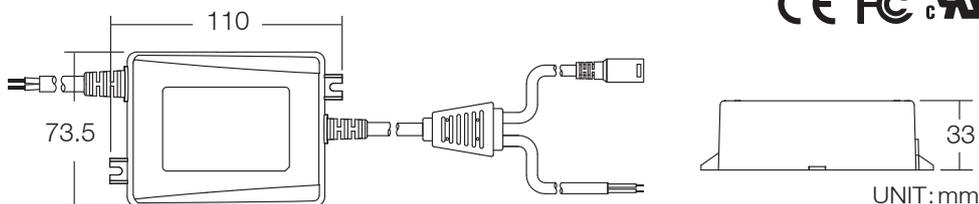
No Load Consumption is Less Than 1W.

Set Up Time is Less Than 0.5 Sec at 230VAC.

DC Power Jack / Connector 2.1mm x 5.5mm Easy for Installation and Maintenance.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-RS35P-42CA	33~42VDC	800mA	82%	± 5%	33.6W

CE FC cULus SELV IP67



30 LED Driver - Plastic Housing **Multiple CV + CC**
GP-LC7028-Q5D (20W)

GP-LC7028-Q5D Series

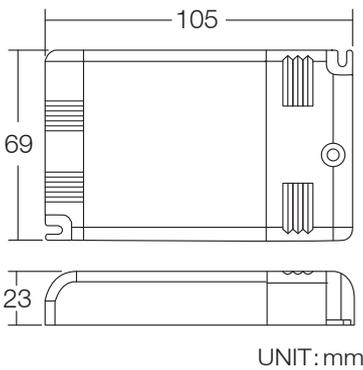
Universal AC Input Range up to 264VAC.

Built-in Active PFC Function.

CC Mode with 1-10V Dimming and PUSH Dimming.

At CV Mode Operation, it Can Support Most of LED Strip Dimming Application.

Protections: Over Current Protection / Short Circuit Protection.



According to the switches selection							
Rated Power	SPEC	1	2	3	4	5	6
7W(C.C)	250mA	-	-	-	-	-	-
10W(C.C)	350mA	-	-	-	-	-	ON
12W(C.C)	400mA	-	-	-	-	ON	-
13W(C.C)	450mA	-	-	-	ON	-	-
14W(C.C)	500mA	-	-	-	-	ON	ON
15W(C.C)	550mA	-	-	-	ON	-	ON
17W(C.C)	600mA	-	-	-	ON	ON	-
20W(C.C)	700mA	-	-	-	ON	ON	ON
9W(C.V)	12VDC	-	-	ON	ON	ON	ON
18W(C.V)	24VDC	-	ON	-	ON	ON	ON
20W(C.V)	28VDC	ON	-	-	ON	ON	ON



LED Driver - Metal Housing (PFC, IP67) **CV**
GP-CVM Series (200W ~ 400W)

GP-CVM200P Series

Universal AC Input Range 90~264VAC.

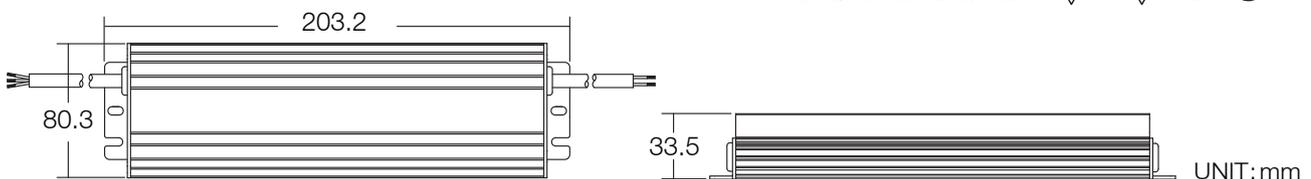
Built-in PFC Function.

Protections: OVP / OCP / SCP / OTP.

Cooling by Free Air Convection.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance 公差	Watts 瓦
GP-CVM200P-12V	12VDC	0~16.7A	92.5%	± 5%	200.4W
GP-CVM200P-24V	24VDC	0~8.3A	93%	± 5%	199.2W
GP-CVM200P-36V	36VDC	0~5.5A	93%	± 5%	198W
GP-CVM200P-48V	48VDC	0~4.15A	93%	± 5%	199.2W



GP-CVM Series (200W ~ 400W)



GP-CVM300P Series

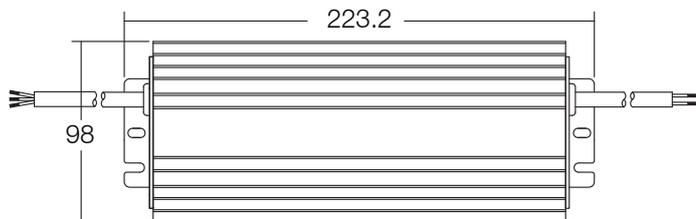
Universal AC Input range 90~264VAC.

Built-in PFC Function.

Protections: OVP / OCP / SCP / OTP.

Cooling by Free Air Convection

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance 公差	Watts 瓦
GP-CVM300P-24V	24VDC	0~12.5A	94%	± 5%	300W
GP-CVM300P-36V	36VDC	0~8.3A	93%	± 5%	298.8W
GP-CVM300P-48V	48VDC	0~6.25A	93%	± 5%	300W



UNIT:mm



GP-CVM400P Series

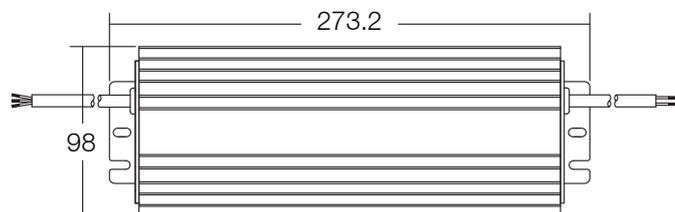
Universal AC Input range 90~264VAC.

Built-in PFC Function.

Protections: OVP / OCP / SCP / OTP.

Cooling by Free Air Convection.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance 公差	Watts 瓦
GP-CVM400P-24V	24VDC	0~16.7A	93%	± 5%	400W
GP-CVM400P-36V	36VDC	0~11.1A	93%	± 5%	399.6W
GP-CVM400P-48V	48VDC	0~8.3A	93%	± 5%	398.4W



UNIT:mm

32 LED Driver - Metal Housing (PFC, IP67) **CV - Terminal Blocks Type**
GP-LV Series (48W)



GP-LVB024-32D Series

Universal AC Input from 90~305VAC.

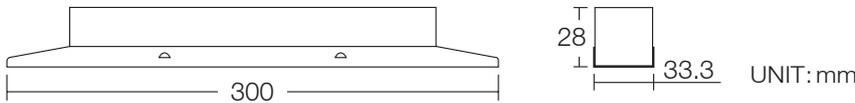
Built-in Active PFC Function.

Constant Voltage Mode (Designed for LED Strip Lighting Only).

Protections: OCP / SCP.

Excellent for Furniture Lighting and Cramped Spaces.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Watts 瓦
GP-LVB024-32D	24VDC	0~2000mA	84%	48W



LED Driver - Metal Housing (PFC, IP67) **CC**
GP-LS Series (40W ~ 60W)



GP-LS45P / GP-LS60P Series

Universal AC Input 90~305VAC.

Built-in Active PFC Function.

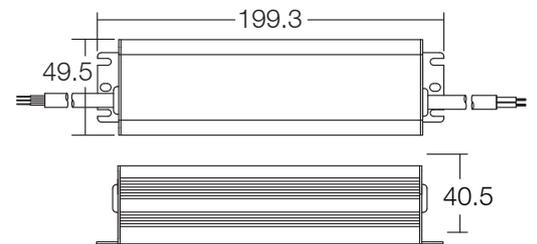
Protections: OVP / OCP / SCP / OTP.

No Load Consumption <0.5W.

Set up Time: < 0.5 Sec at 230VAC.

Compliant with ErP EU_1194_2012,

Stage 3 Directives for Energy Related Products.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS45P-24C	16~24VDC	1.85A	85%	± 5%	44.4W
GP-LS45P-36C	24~36VDC	1.25A	86%	± 5%	45W
GP-LS45P-42C	33~42VDC	1.05A	86%	± 5%	44.1W
GP-LS45P-48C	33~48VDC	1A	87%	± 5%	48W
GP-LS45P-57C	40~57VDC	0.7A	87%	± 5%	40W
GP-LS60P-12C	9~12VDC	4.2A	86%	± 5%	50.4W
GP-LS60P-24C	16~24VDC	2.5A	86%	± 5%	60W
GP-LS60P-36C	24~36VDC	1.65A	87%	± 5%	59.4W
GP-LS60P-42C	33~42VDC	1.4A	87%	± 5%	58.8W
GP-LS60P-48C	33~48VDC	1.2A	88%	± 5%	57.6W
GP-LS60P-57C	40~57VDC	1.05A	88%	± 5%	59.8W

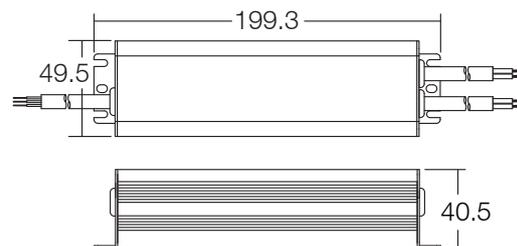


GP-LS Dimming Series (40W ~ 240W)

GP-LS45P-xxCA / GP-LS60P-xxCA Series



Universal AC Input 90~305VAC.
 Built-in Active PFC Function.
 Protections: OVP / OCP / SCP / OTP.
 No Load Consumption < 0.5W.
 Set Up Time: < 0.5 Sec at 230VAC.
 3-in-1 Dimming Function.
 Compliant with ErP EU_1194_2012,
 Stage 3 Directives for Energy Related Products.



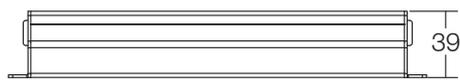
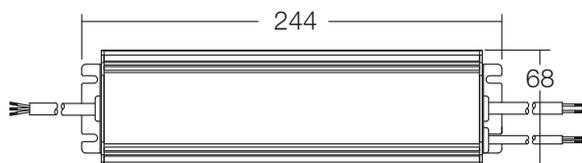
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS45P-24CA	16~24VDC	1.85A	85%	± 5%	44.4W
GP-LS45P-36CA	24~36VDC	1.25A	86%	± 5%	45W
GP-LS45P-42CA	33~42VDC	1.05A	86%	± 5%	44.1W
GP-LS45P-48CA	33~48VDC	1A	87%	± 5%	48W
GP-LS45P-57CA	40~57VDC	0.7A	87%	± 5%	40W
GP-LS60P-12CA	9~12VDC	4.2A	86%	± 5%	50.4W
GP-LS60P-24CA	16~24VDC	2.5A	86%	± 5%	60W
GP-LS60P-36CA	24~36VDC	1.65A	87%	± 5%	59.4W
GP-LS60P-42CA	33~42VDC	1.4A	87%	± 5%	58.8W
GP-LS60P-48CA	33~48VDC	1.2A	88%	± 5%	57.6W
GP-LS60P-57CA	40~57VDC	1.05A	88%	± 5%	59.8W



GP-LS240P-xxCA Series

Universal AC input from 90 to 305VAC.
 Built-in Active Power Factor Correction Function.
 3-in-1 Dimming Functions Available.
 Safety Protections Include OVP, OCP, SCP, and OTP.
 IP67 Rated Enclosure, for Protection from Water and Dust.
 IP68 Waterproof Connectors, for Convenient Maintenance.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS240P-24CA	12~24VDC	10A	92.5%	± 5%	240W
GP-LS240P-36CA	18~36VDC	6.65A	93%	± 5%	239.4W
GP-LS240P-48CA	24~48VDC	5A	93%	± 5%	240W
GP-LS240P-60CA	30~60VDC	3.5A	93%	± 5%	210W
GP-LS240P-60CA 1E	30~60VDC	3.2A	93%	± 5%	192W



UNIT:mm

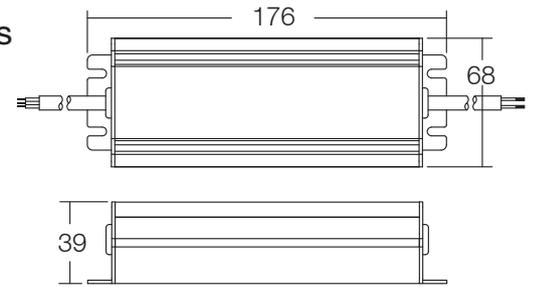
34 LED Driver - Metal Housing (PFC, IP67) **CV+CC**

GP-LS Series (50W ~ 240W)



GP-LS050P / GP-LS070P Series

Universal AC Input 100~277VAC.
Built-in PFC Function.
Protections: OCP / SCP / OTP.
Cooling by Free Air Convection.

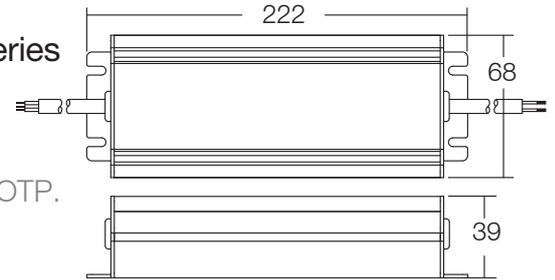


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS050P-12	8~12VDC	4.2A	82%	± 5%	50W
GP-LS050P-24	18~24VDC	2.1A	85%	± 5%	50W
GP-LS050P-36	25~36VDC	1.4A	87%	± 5%	50W
GP-LS050P-48	33~48VDC	1.05A	87%	± 5%	50W
GP-LS070P-12	10~12VDC	4.9A	86%	± 5%	59W
GP-LS070P-24	18~24VDC	3.2A	86%	± 5%	75W
GP-LS070P-30	20~30VDC	2.4A	86%	± 5%	73.5W
GP-LS070P-36	25~36VDC	2.1A	86%	± 5%	75.6W
GP-LS070P-48	33~48VDC	1.4A	86%	± 5%	67W
GP-LS070P-54	37~54VDC	1.4A	86%	± 5%	75W



GP-LS100P / GP-LS150P Series

Universal AC Input 90~305VAC.
Built-in PFC Function.
Protections: OVP / OCP / SCP / OTP.
Cooling by Free Air Convection.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS100P-12	9~12VDC	8.3A	88%	± 5%	99.6W
GP-LS100P-15	10~15VDC	6.6A	88%	± 5%	99W
GP-LS100P-24	14~24VDC	4.2A	90%	± 5%	100.8W
GP-LS100P-30	22~30VDC	3.3A	90%	± 5%	99W
GP-LS100P-36	26~36VDC	2.8A	90%	± 5%	100.8W
GP-LS100P-48	34~48VDC	2.1A	90.5%	± 5%	100.8W
GP-LS100P-57	43~57VDC	1.75A	90.5%	± 5%	99.7W
GP-LS150P-12	9~12VDC	11A	88%	± 5%	132W
GP-LS150P-15	10~15VDC	10A	88%	± 5%	150W
GP-LS150P-24	14~24VDC	6.3A	90%	± 5%	151.2W
GP-LS150P-30	22~30VDC	5A	90%	± 5%	150W
GP-LS150P-36	26~36VDC	4.2A	90%	± 5%	151.2W
GP-LS150P-48	34~48VDC	3.2A	90%	± 5%	153.6W
GP-LS150P-54	38~54VDC	2.8A	90%	± 5%	151.2W



GP-LS Series (50W ~ 240W)



GP-LS200P Series

Universal AC Input 100~277VAC.

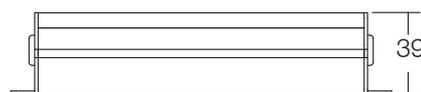
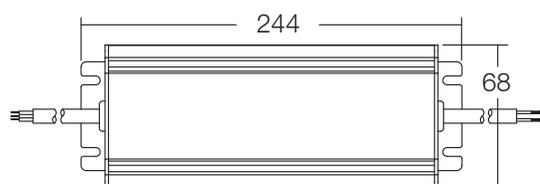
Withstand 277VAC Input.

Built-in PFC Function.

Protections: OVP / OCP / SCP / OTP.

Cooling by Free Air Convection.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS200P-12	9~12VDC	13.4A	87%	± 5%	160.8W
GP-LS200P-24	16~24VDC	8.3A	90%	± 5%	199.2W
GP-LS200P-36	27~36VDC	5.6A	90%	± 5%	201.6W
GP-LS200P-48	37~48VDC	4.1A	90%	± 5%	196.8W



CE FC SELV EQUIVALENT F 110 IP67



GP-LS240P Series

Universal AC input from 90 to 305VAC.

Built-in Active Power Factor Correction Function.

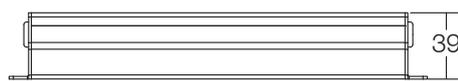
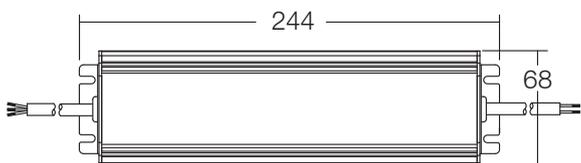
3-in-1 Dimming Functions Available.

Safety Protections Include OVP, OCP, SCP, and OTP.

IP67 Rated Enclosure, for Protection from Water and Dust.

IP68 Waterproof Connectors, for Convenient Maintenance.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS240P-24C	12~24VDC	10A	92.5%	± 5%	240W
GP-LS240P-36C	18~36VDC	6.65A	93%	± 5%	239.4W
GP-LS240P-48C	24~48VDC	5A	93%	± 5%	240W
GP-LS240P-60C	30~60VDC	3.5A	93%	± 5%	210W
GP-LS240P-60C 1E	30~60VDC	3.2A	93%	± 5%	192W



CE FC SELV EQUIVALENT F 110 IP67

UNIT:mm

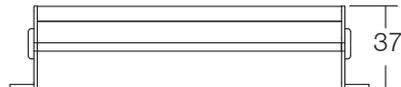
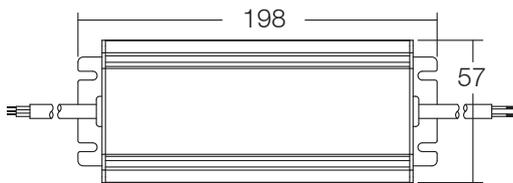
36 LED Driver - Metal Housing (PFC, IP67) **CC - High Voltage Output**
GP-LS Series (70W ~ 150W)



GP-LS70PH / GP-LS100PH Series

Universal AC Input 90~305VAC.
 High Efficiency up to 91%.
 High Output Voltage.
 Built-in PFC Function.
 Protection: OVP / SCP / OTP.
 Cooling by Free Air Convection.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS70PH-100C	50~100VDC	700mA	90%	± 5%	70W
GP-LS100PH-71C	50~71VDC	1400mA	91%	± 5%	99.4W
GP-LS100PH-142C	100~142VDC	700mA	91%	± 5%	99.4W



UNIT:mm

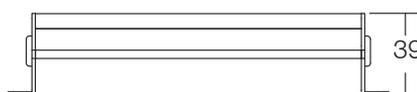
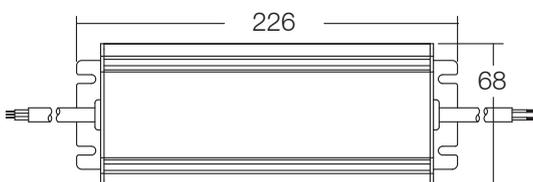
CE FC cULus CB F 110 IP67



GP-LS150PH Series

Universal AC Input 90~305VAC.
 High Efficiency up to 92%.
 High Output Voltage.
 Built-in PFC Function.
 Protection: OVP / SCP / OTP.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS150PH-107C	30~107VDC	1400mA	91%	± 5%	149.8W
GP-LS150PH-143C	60~143VDC	1050mA	92%	± 5%	150.1W
GP-LS150PH-210C	60~210VDC	700mA	92%	± 5%	147W
GP-LS150PH-428C	120~428VDC	350mA	92%	± 5%	149.8W

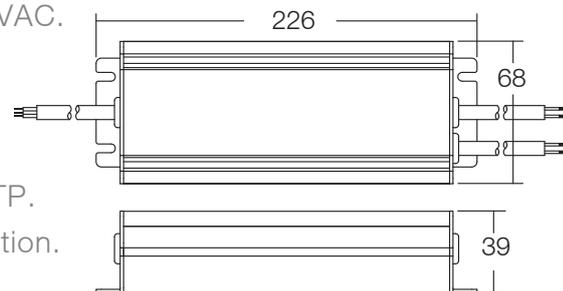


UNIT:mm

CE FC cULus CB F 110 IP67

GP-LS Dimming Series (150W)**GP-LS150PH-xxCA Series**

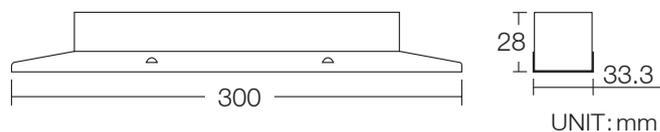
Universal AC Input 90~305VAC.
 High Efficiency up to 92%.
 High Output Voltage.
 Built-in PFC Function.
 Protection: OVP / SCP / OTP.
 Cooling by Free Air Convection.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS150PH-107CA	75~107VDC	1400mA	91%	± 5%	149.8W
GP-LS150PH-143CA	90~143VDC	1050mA	92%	± 5%	150.1W
GP-LS150PH-210CA	120~210VDC	700mA	92%	± 5%	147W
GP-LS150PH-428CA	250~428VDC	350mA	92%	± 5%	149.8W

**GP-LC Series (48W)****GP-LCxxxx-32D Series**

Universal Input Range from 100~277VAC.
 Built-in PFC Function.
 Protections: Short-Circuit.
 Dimming Controlled at Secondary Side.
 Standard Dimmer 1-10V Electronic Potentiometer.
 (Part No. EC011&EC013)
 Wire up to 10pcs Dimmable Dimmers.
 (GL-EC013 Charged Addtionally)



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Tolerance(A) 公差	Watts 瓦
GP-LC6672-32D	48~72VDC	665mA	± 6%	48W
GP-LCA048-32D	36~48VDC	1000mA	± 6%	48W
GP-LCA336-32D	24~36VDC	1330mA	± 6%	48W
GP-LCB024-32D	14~24VDC	2000mA	± 6%	48W
GP-LCD012-32D	8~12VDC	4000mA	± 6%	48W

38 LED Driver - Metal Housing (PFC, IP67) **CC - IP68 Cable Connector**

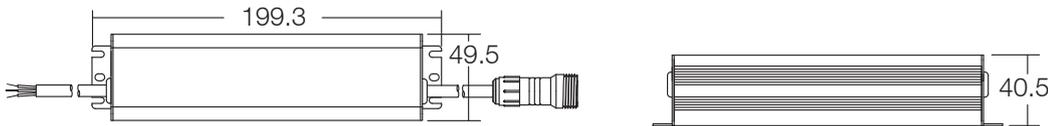
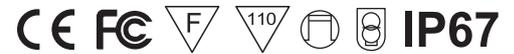
GP-LS Series (60W)

GP-LS60P-42C 1E Series



Universal AC Input, from 90~305VAC.
 Comes with Active Power Factor Correction.
 IP67 Rated Enclosure, Provides Protection from Water and Dust.
 Waterproof IP68 Rated Connectors, for Convenient Maintenance.
 OCP/ OVP / OTP and SCP Safety Features are Built in.
 Fast Starts up: Less Than 0.5 Sec at 230VAC.
 Consumes Less Than 0.5W in No Load Conditions.
 Class I Metal Case.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS60P-42C 1E	28~42VDC	1.4A	87%	± 5%	58.8W



LED Driver - Metal Housing (PFC, IP67) **CV + CC - IP68 Cable Connector**

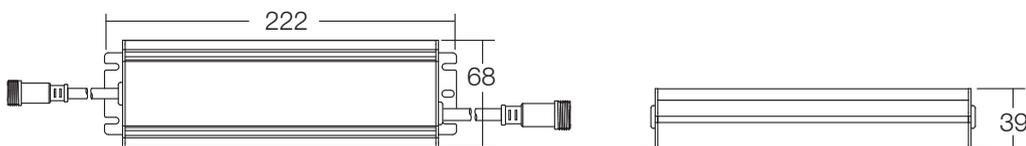
GP-LS Series (100W ~ 200W)

GP-LS100P-xx 1E Series



Universal AC Input, from 90~305VAC.
 Built in Active Power Factor Correction.
 Safety protections include OVP/ OCP/ SCP/ and OTP.
 IP67 Rated for Protection from Water and Dust.
 IP68 Waterproof Connectors for Convenient Maintenance.
 Compliant with the ErP (EU) No.1194/2012, Stage 3 Directives.
 Consumes Less than 0.5W in Idle, No Load Status.
 Starts up in Less than 0.5 Sec at 230VAC.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS100P-36 1E	30~40VDC	2.5A	90%	± 5%	100W
GP-LS100P-57 1E	48~60VDC	1.65A	90%	± 5%	100W



GP-LS Series (100W ~ 200W)



GP-LS150P-60 Series

Universal AC Input, from 90~264VAC.

Built in Active Power Factor Correction.

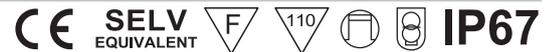
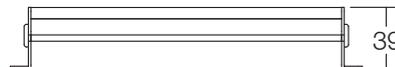
Safety Protections Include OVP/ OCP/ SCP/ and OTP.

IP67 Rated for Protection from Water and Dust.

IP68 Waterproof Connectors for Convenient Maintenance.

Starts up in Less Than 0.8 Sec at 230VAC.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS150P-60	48~60VDC	2.5A	90%	± 5%	150W



GP-LS200P-60 1E Series

Universal AC Input, from 90~295VAC.

Active Power Factor Correction is Built in.

Safety Protections Include OVP/ OCP/ SCP/ and OTP.

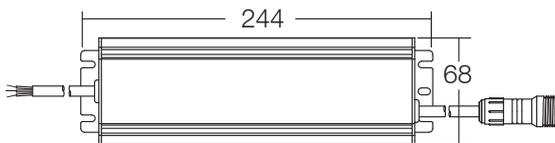
IP67 Rated Enclosure, for Protection from Water and Dust.

IP68 Waterproof Connectors, for Convenient Maintenance.

Starts up in Less Than 1.5 Sec at 230VAC.

Class I Metal Case.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS200P-60 1E	48~60VDC	3.2A	90%	± 5%	192W



GP-LS240P-60C(A) 1E Series

Universal AC input from 90 to 305VAC.

High Efficiency up to 93%.

Built-in Active Power Factor Correction Function.

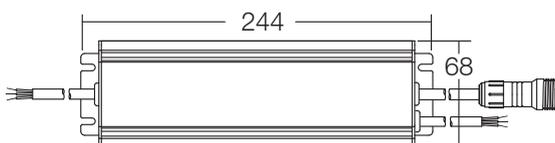
3-in-1 Dimming Functions Available.

Safety Protections Include OVP, OCP, SCP, and OTP.

IP67 Rated Enclosure, for Protection from Water and Dust.

IP68 Waterproof Connectors, for Convenient Maintenance.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LS240P-60C 1E	30~60VDC	3.2A	93%	± 5%	192W
GP-LS240P-60CA 1E	30~60VDC	3.2A	93%	± 5%	192W



GP-TS Series (8W ~ 12W, 90Vac ~ 130Vac)



GP-TS10P-xxL / GP-TS10P-xxH Series

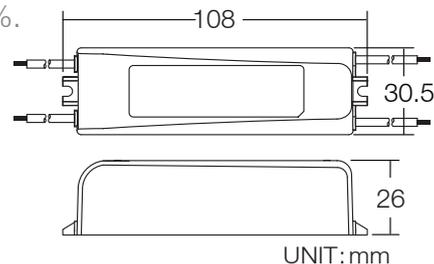
Dimmer Output Current Range from 10%~100%.

Operation from -20°C~ 50°C Full Load.

No Flicker With Adjust Luminance.

Protections: SCP /OTP.

Compatible With Most Standard Incandescent AC Triac Dimmers.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TS10P-30L1	15~30.5VDC	270mA	75%	± 10%	8.2W
GP-TS10P-42L	24~42VDC	270mA	78%	± 10%	11.5W
GP-TS10P-30L	15~30.5VDC	350mA	78%	± 10%	10.5W
GP-TS10P-21L	10~21VDC	500mA	76%	± 7%	10.5W
GP-TS10P-15L	7~15VDC	700mA	75%	± 7%	10.5W

CE FC IP65

GP-TS Series (8W ~ 12W, 180Vac ~ 264 Vac)

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TS10P-30H1	15~30.5VDC	270mA	75%	± 10%	8.2W
GP-TS10P-42H	24~42VDC	270mA	78%	± 10%	11.5W
GP-TS10P-30H	15~30.5VDC	350mA	78%	± 10%	10.5W
GP-TS10P-21H	10~21VDC	500mA	76%	± 7%	10.5W
GP-TS10P-15H	7~15VDC	700mA	75%	± 7%	10.5W

CE FC IP65

GP-TL Series (9W ~ 24W, 108Vac ~ 132Vac)



GP-TLxxx-27 Series

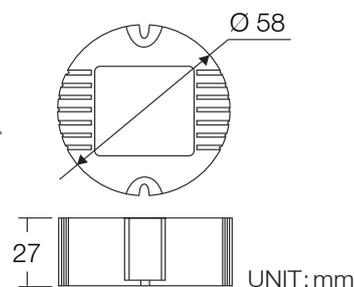
Input Range from 120VAC ± 10%.

Work With Leading Edge and Trailing Edge Dimmers.

With Power Factor Correction Function: PF > 0.9

Designed for Indoor Application.

Protections: Short-Circuit / Over Load.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TL2536-27	26~36VDC	250mA	78%	± 6%	9W
GP-TL3724-27	15~24VDC	370mA	75%	± 6%	9W
GP-TL7512-27	7~12VDC	750mA	72%	± 6%	9W

GP-TL Series (9W ~ 24W, 108Vac ~ 132Vac)

**GP-TLxxx-26 Series**

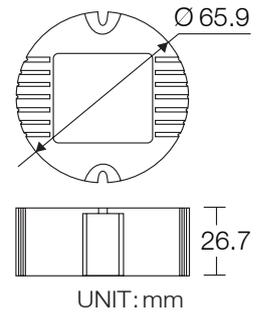
Input Range from 120VAC \pm 10%.

Work With Leading Edge and Trailing Edge Dimmers.

With Power Factor Correction Function: PF > 0.9

Designed for Indoor Application.

Protections: Short-Circuit / Over Load.



Model No. 型号	Output Voltage 输出电压	Rated Current 额定电流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TL3536-26	24~36VDC	350mA	81%	\pm 6%	12W
GP-TL7018-26	12~18VDC	700mA	81%	\pm 6%	12W
GP-TLA012-26	7~12VDC	1000mA	78%	\pm 6%	12W

**GP-TLxxx-15 Series**

Input Range from 120VAC \pm 10%.

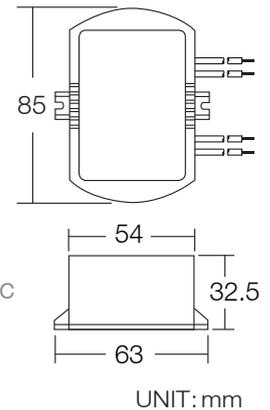
PFC to Reduce Power Consumption.

Waterproof Packaging: IP65 for Dry and Wet Location.

Tc Point Measured, Max Case Temperature: 70°C.

Protections: Short-Circuit / Over Load / Over Heat and Auto-Recovery Mode.

Operates with Industry Standard Dimmers, Triac & Electronic Low Voltage Dimmers.



Model No. 型号	Output Voltage 输出电压	Rated Current 额定电流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TL3548-15	30~48VDC	350mA	79%	\pm 6%	16.8W
GP-TL5036-15	24~36VDC	470mA	82.5%	\pm 6%	16.8W
GP-TL7024-15	16~24VDC	700mA	81.5%	\pm 6%	16.8W
GP-TLA115-15	10~15VDC	1120mA	80%	\pm 6%	16.8W
GP-TLA212-15	8~12VDC	1250mA	79%	\pm 6%	15W



Model No. 型号	Output Voltage 输出电压	Rated Current 额定电流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TL5048-15	20~48VDC	500mA	79%	\pm 6%	24W
GP-TL7036-15	24~36VDC	700mA	82.5%	\pm 6%	24W
GP-TLA024-15	10~24VDC	1000mA	82%	\pm 6%	24W
GP-TLA220-15	10~20VDC	1200mA	79%	\pm 6%	24W

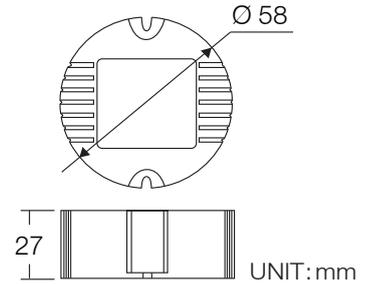


42 LED Driver - Triac Dimming **CC**
 GP-TH Series (9W ~ 24W, 207Vac ~ 253Vac)



GP-THxxx-27 Series

Input Range from 230VAC \pm 10%.
 Work With Leading Edge and Trailing Edge Dimmers.
 With Power Factor Correction function: PF > 0.9
 Designed for Indoor Application.
 Protections: Short-Circuit / Over Load.

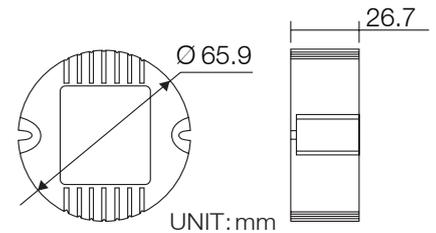


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TH2536-27	18~36VDC	250mA	79%	\pm 6%	9W
GP-TH3724-27	18~24VDC	370mA	79%	\pm 6%	9W
GP-TH7512-27	7~12VDC	750mA	72%	\pm 6%	9W



GP-THxxx-26 Series

Input Range from 230VAC \pm 10%.
 Work With Leading Edge and Trailing Edge Dimmers.
 With Power Factor Correction function: PF > 0.9
 Designed for Indoor Application.
 Protections: Short-Circuit / Over Load.

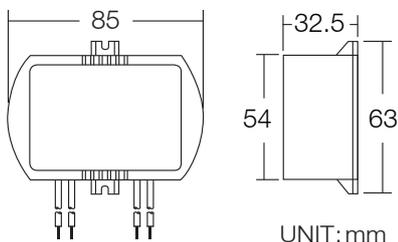


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TH3536-26	24~36VDC	350mA	78%	\pm 6%	12W
GP-TH7018-26	12~18VDC	700mA	79%	\pm 6%	12W
GP-THA012-26	7~12VDC	1000mA	80%	\pm 6%	12W



GP-THxxx-15 Series

Input Range from 230VAC \pm 10%.
 PFC to Reduce Power Consumption.
 Designed for Indoor Application.
 Waterproof Packaging: IP65 for Dry and Wet Location.
 Tc Point Measured, Max Case Temperature: 70°C.
 Operates with Industry Standard Dimmers, Triac & Electronic Low Voltage Dimmers.
 Protections: Short-Circuit / Over Load / Over Heat and Auto-Recovery Mode.



GP-TH Series (9W ~ 24W, 207Vac ~ 253Vac)

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TH3548-15	30~48VDC	350mA	80%	± 6%	16.8W
GP-TH5036-15	24~36VDC	470mA	82.5%	± 6%	16.8W
GP-TH7024-15	16~24VDC	700mA	81%	± 6%	16.8W
GP-TLA212-15	8~12VDC	1250mA	80%	± 6%	15W



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-TH5048-15	28~48VDC	500mA	79%	± 6%	24W
GP-TH7036-15	24~36VDC	700mA	82.5%	± 6%	24W
GP-THA024-15	12~24VDC	1000mA	82%	± 6%	24W
GP-THA220-15	10~20VDC	1200mA	79%	± 6%	24W



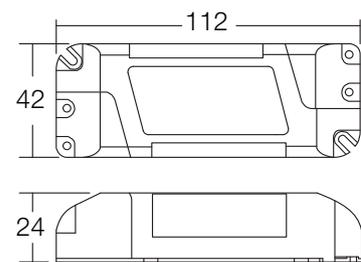
DALI Solutions

DALI Power



GP-DP004N-16V

Universal AC Input 100~240VAC.
Constant Voltage Operation
Compatibility with IEC 62386 Standard.
Protections: OCP / SCP.
Cooling by Free Air Convection.



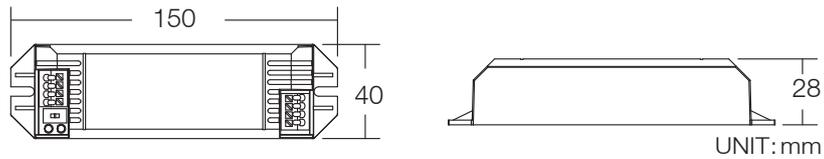
UNIT:mm

Model No. 型号	GP-DP004N-16V
DC Voltage 電壓	16V
Voltage Tolerance 電壓公差	±15%
DC Voltage Range 電壓範圍	13.6 ~ 18.4V
Rated Current 額定電流	200mA
Current Tolerance 電流公差	+20% / -10%
DC Current Range 電流範圍	180 ~ 240mA
Rated Power 額定功率	3.2W

GL-DA02



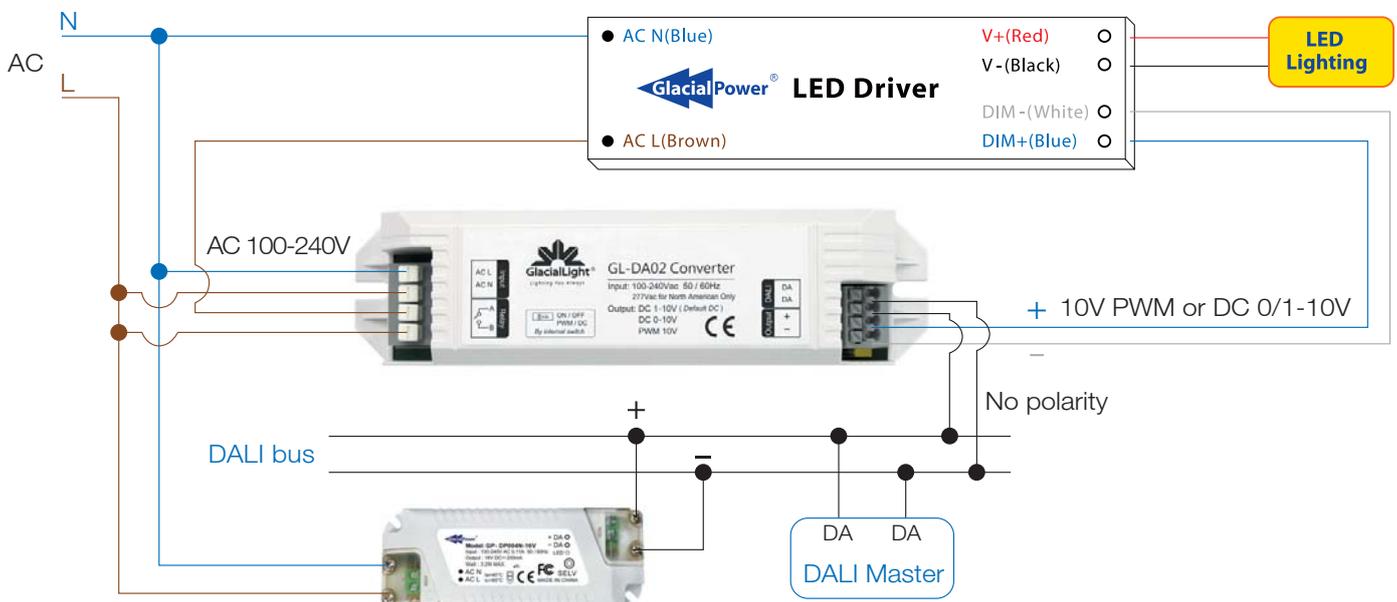
Compatibility with IEC 62386 Standard (Part 206).
 DALI Signal Line Regardless of Pole.
 Screw-Less Connector, Easy to Install.
 Selectable Output for PWM / DC 0-10V / DC 1-10V.
 Selectable Dimming Curve for Logarithm or Linear.
 Build-in Relay to Turn ON / OFF Driver Completely.



Electrical Specification 電氣規格	MIN.	TYP.	MAX.
Input Voltage (VAC) 輸入電壓	90		290
Power Consumption (W) 耗電量		1.6	3
DALI Bus Current Consumption (mA) 總線電流消耗			2
Other Functional Description 其他功能描述			
Compatibility DALI Standard 相容DALI 標準	IEC 62386 (Part 102 & Part 206)		
DALI Input reversed protection 輸入反轉保護	Yes		
Number of output channel 輸出通道的數量	1		
Output channel short protection 輸出通道短路保護	Yes		
Operating Temperature Range 工作溫度	-20 ~ +40°C		
Relay Switch (1 channel) 繼電器開關	2A / Max inrush current 70A		



DALI Connection:

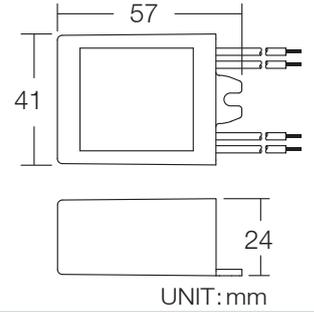


GP-LD Series (10.5W~17.5W, DC Input 11~15 Vdc & 22~30Vdc)



GP-LD10 / GP-LD15 Series

Universal DC Input 11~15VDC and 22~30VDC.
 Operation from -20°C~40°C Full Load (Room TEMP).
 Cooling by Free Air Convection.
 Protections: SCP / UVLO / OVP / Reverse Input Power Protection.



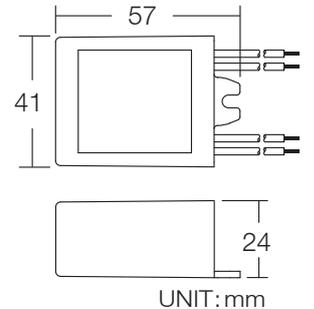
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LD10-30C	16~30VDC	350mA	84%	± 10%	10.5W
GP-LD15-30C	16~30VDC	500mA	84%	± 10%	15W
GP-LD15-24C	16~25VDC	700mA	84%	± 10%	17.5W

CE FC IP67



GP-LD15-40C Series

DC input 11~15VDC and 22~30VDC.
 Protection: SCP / OVP.
 UVLO (Under-Voltage Lockout Protection) Preventing Deep Discharge, Protecting the Battery.
 Reverse Input Power Protection (Device Will Not Start if Power Inputs are Reversed).
 Operating Temperature from -20°C~40°C at Full Load.



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LD15-40C	30~40VDC	350mA	84%	± 10%	14W

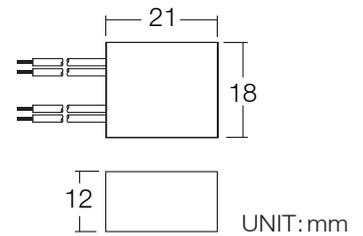
CE IP67

GP-LD Series (2W~9W, DC Input 10.5~13.5 Vdc)



CE

For High Brightness Light-Emitting Diode Products.
 DC 12V /24V Input.
 Fully Isolated Plastic Case With Stripped.
 Operation from -10°C ~ 40°C Full Load.
 Protections: OVP / OLP/ SCP



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LD3510-12	3~10VDC	350mA	80%	± 10%	2W
GP-LD7012-12	3~12VDC	650mA	80%	± 10%	9W

GP-LD Series (2W ~ 9W, DC Input 22~26 Vdc)

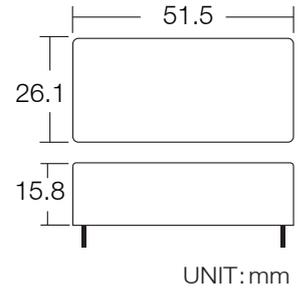
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LD3508-24	3~8VDC	350mA	80%	± 10%	2W
GP-LD3520-24	3~20VDC	350mA	80%	± 10%	5W
GP-LD7012-24	3~12VDC	650mA	80%	± 10%	9W

GP-LD Series (Step-Up ; 350mA & 700mA)



GP-LDxxxx-0B Series

Wide Input Voltage Range:9V~36V.
 Driver LED Strings of up to 48V. (14V~48V)
 PWM/Digital Dimming and Analog Voltage Dimming.
 Open Voltage Protection / Short LED Protection.
 RoHS-Compliant 2"x1" Case Package Power LED Driver.



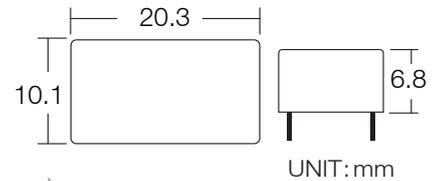
Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LD3548-0B	14~48V	350mA	94%	± 5%	16.8W
GP-LD7048-0B	14~32V	700mA	95%	± 5%	33.6W
	23~48V				

GP-LD Series (Step-Down ; Vi 7~30V, Vo 2~28V, 250~1000mA)



GP-LDxxxx-0M Series

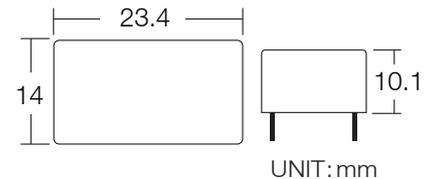
Wide Input Voltage Range:7V to 30V.
 Driver LED Strings of up to 28V. (2V~28V)
 PWM / Digital Dimming and Analog Voltage Dimming.
 Open and Short LED Protection.
 RoHS-Compliant 14 Pin DIL Package.(Row Dist : 5.08mm)



Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LD2528-0M	2~28V	250mA	95%	± 5%	7W
GP-LD3528-0M	2~28V	350mA	95%	± 5%	8W

GP-LDxxxx-0M Series

Wide Input Voltage Range:7V to 30V.
 Driver LED Strings of up to 28V. (2V~28V)
 PWM / Digital Dimming and Analog Voltage Dimming.
 Open and Short LED Protection.
 RoHS-Compliant 16 Pin DIL Package.

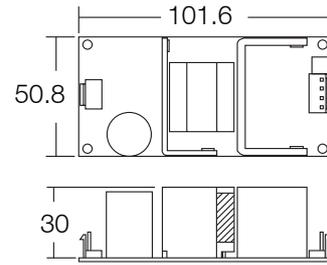


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LD7028-0M	2~28V	700mA	95%	± 5%	20W
GP-LDA028-0M	2~28V	1000mA	95%	± 5%	24W



GP-OS60 Series

Universal AC Input 90~264VAC.
4" x 2" Miniature Size.
Operation from -20°C~ 50°C Full Load.
Protections: SCP / OVP / OLP.
No Load Power Consumption < 0.75W.
105°C Main Electrolytic Capacitor.



UNIT:mm

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
GP-OS60N-3.3	3.3VDC	0~10A	76%	± 2%	33W
GP-OS60N-05	5VDC	0~10A	80%	± 2%	50W
GP-OS60N-12	12VDC	0~5A	83%	± 2%	60W
GP-OS60N-15	15VDC	0~4A	84%	± 2%	60W
GP-OS60N-24	24VDC	0~2.5A	85%	± 1%	60W
GP-OS60N-48	48VDC	0~1.25A	86%	± 1%	60W

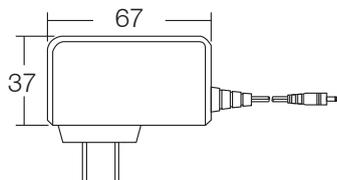


GP-LCxxxx-0A Series

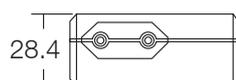
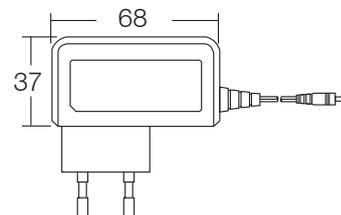
Universal AC Input 90~264VAC.
Fully Isolated Wall Mounted Adaptor.
Operation from -10°C~40°C at Full Load.
Protections:OLP/ SCP.
Class II Power Design Without Earth Pin.
Tc Point Measured ,Max Case Temperature:70°C.

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(A) 公差	Watts 瓦
GP-LC3536-0A	3~36VDC	350mA	75%	± 6%	8W
GP-LC7021-0A	3~21VDC	700mA	75%	± 6%	9W

US Plug:



Euro Plug:



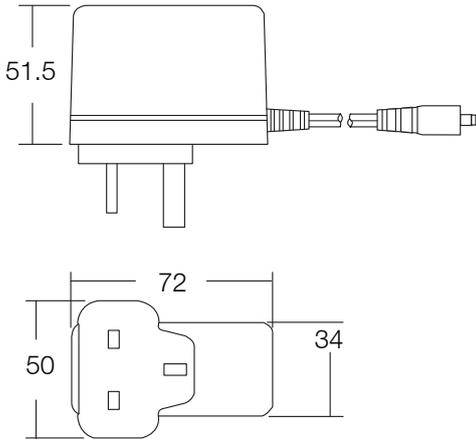
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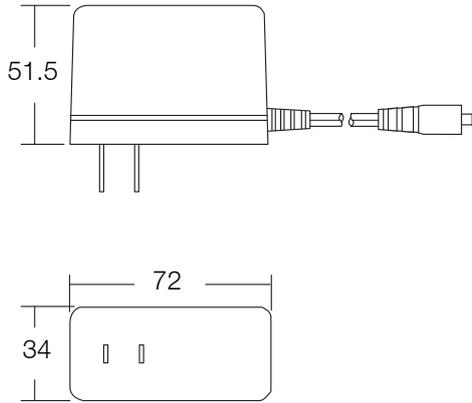
PAW024 Series



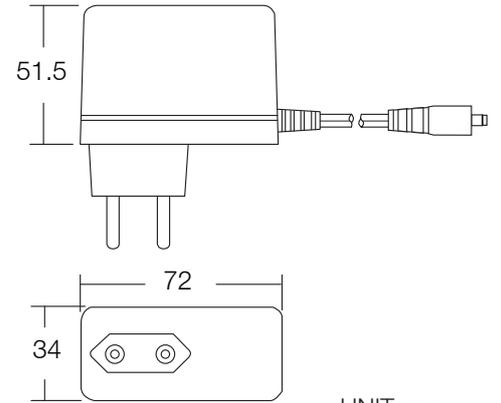
UK Plug:



UL Plug:



EU Plug:

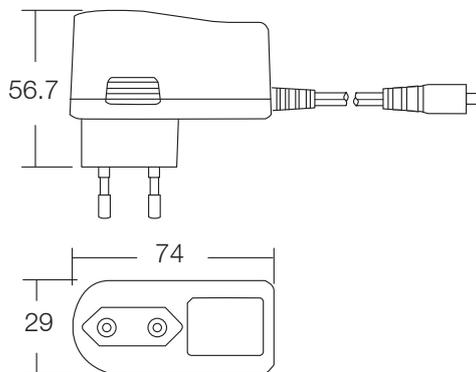


UNIT:mm

Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Tolerance(V) 公差	Watts 瓦
PAW024-12	12V	2A	77%	± 5%	24W
PAW024-24	24V	1A	78%	± 5%	24W



AS18N Series

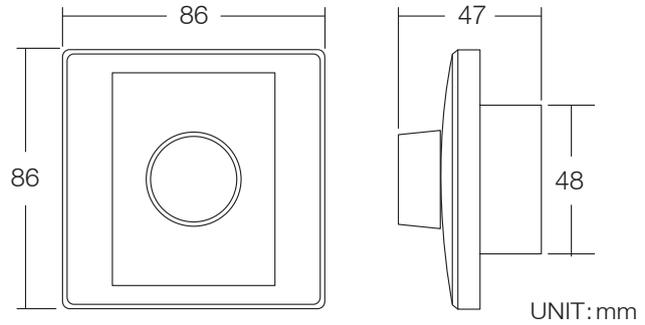


Model No. 型號	Output Voltage 輸出電壓	Rated Current 額定電流	Efficiency 效率	Watts 瓦
GP-AS18N-12V-AXE	12V	1.5A	85%	18W
GP-AS18N-24V-AXE	24V	0.75A	85%	18W



Electronic Potentiometer Dimmer

GL-EC013



The Installation Must be Carried Out by an Electrical Specialist in Accordance with International and National Standards.

The Max. Load Connected to the Driver is 10V/40mA.

Designed for 1-10V Regulating and Compatible all 0/1-10V Interface Dimmable Electronic LED Driver & Ballasts & Transformers and Power Dimmers.

Place the Driver Away from Direct Heat Sources and in Well-Aired Spaces. If the Driver is Built-in, Sufficient Ventilation Must be Ensured.

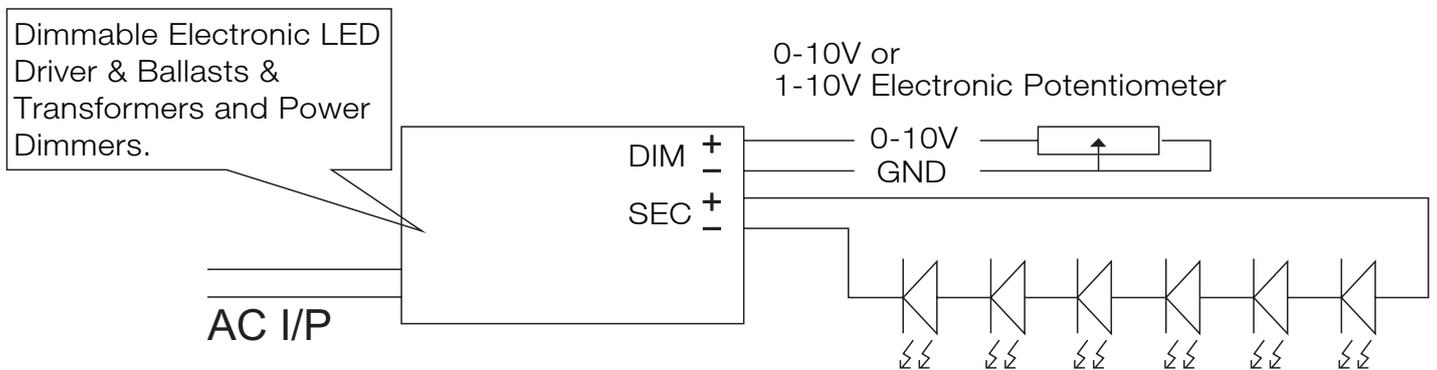
Minimum Output Connect Cable Size is 1007#20 AWG; Maximum Output Connect Cable Length: 50M.

When Connecting the Electronic LED Driver & Ballasts & Transformers and Power Dimmers., Careful Attention Should be Paid to Connecting.

Model No.	Max.Control Voltage	Min.Control Voltage	Min.Control Current	Ambient Temperature
GL-EC013	10VDC	0.5VDC	40mA	-10 ~ +40°C



Wiring Diagram





website



facebook

GlacialTech®

洋鑫科技股份有限公司 **GlacialTech Inc.**

地址：新北市中和區235中山路二段352號7樓
7F, No. 352, Sec. 2, Zhongshan Rd., Zhonghe Dist.,
New Taipei City, Taiwan, 235

Tel : +886 2 2244-1227 Fax : +886 2 2244-1228

Email : sales@GlacialTech.com Website : www.GlacialTech.com

