



Intelligent

Solar Street Light





Solar Flyhorse Light



Unique Integration
Design



Power control



Patent Bat-wing Lens



Light Efficiency
Management



Rotating Solar Panel



MPPT Technology



Control Mode Management



LiFePO4 Lithium Battery

Type	RS-FH100	RS-FH120	RS-FH150	RS-FH200	RS-FH240
Solar panel	100W/18V	120W/18V	150W/18V	100W*2pcs/18V	120W*2pcs/18V
LiFePO4 battery	380WH	460WH	610WH	690WH	880WH
Charge cycle times	2000 times				
Luminous flux	5800-6100lm	7500-7700lm	9100-9300lm	10000-11000lm	11000-12000lm
Lamp power	30W	40W	50W	60W	70W
LED qty	150pcs				
Color temperature	3000-6000K				
CRI	≥70Ra				
Light distribution	Batwing lens with polarized light				
Lighting time	5-7rainy days				
Working temperature	-20 C ~60 C				
Pole top diameter	80mm				
Mounting height	7-12m				
Installation spacing	20-40m				



Solar Nighthawk Light

Type	SC-NH80	SC-NH100	SC-NH150	SC-NH200
Solar panel	80W/18V	100W/18V	150W/18V	100W*2pcs/18V
LiFePO4 battery	340WH	420WH	575WH	650WH
Charge cycle times	2000 times			
Luminous flux	4500-5000lm	6000-6500lm	7200-7500lm	8400-9600lm
Lamp power	30W	40W	50W	60W
LED qty	105pcs			
Color temperature	3000-6000K			
CRI	≥70Ra			
Light distribution	Batwing lens with polarized light			
Lighting time	5-7rainy days			
Working temperature	-20℃~60℃			
Pole top diameter	80mm			
Mounting height	6-12m			
Installation spacing	20-30m			



Unique Integration Design



Power control



LiFePO4 Lithium Battery



Light Efficiency Management



Rotating Solar Panel



Microwave Motion Sensor



Control Mode Management



Light Distribution

Solar Flybird Light

Type	RS-FB65-C	RS-FB80-C
Solar panel	65W/18V	80W/18V
Lithium battery	190WH	275WH
Luminous flux	2260lm	3000lm
Lamp power	15W	20W
LED qty	36pcs	
Color temperature	3000-6000K	
CRI	≥70Ra	
Light distribution	Batwing lens with polarized light	
Lighting time	5-7rainy days	
Working temperature	-20℃~60℃	
Pole top diameter	60mm	
Mounting height	5-6m	
Installation spacing	10-20m	





Solar Sailing Light

Type	RS-SL65	RS-SL80	RS-SL100
Solar panel	50W/5V	65W/18V	80W/18V
LiFePO4 battery	170WH	190WH	260WH
Charge cycle times	2000 times		
Luminous flux	2500-2700lm	3000-3600lm	4500-5400lm
Lamp power	15W	20W	30W
LED qty	60pcs		
Color temperature	3000-6000K		
CRI	≥70Ra		
Light distribution	Batwing lens with polarized light		
Lighting time	5-7rainy days		
Working temperature	-20℃~60℃		
Pole top diameter	60mm		
Mounting height	4-8m		
Installation spacing	10-30m		



Unique Integration Design



Power control



Battery program Updated



Light Efficiency Management



LiFePO4 Lithium Battery



Control Mode Management

Solar Flyshark Light

Type	RS-FS28000	RS-FS37000
Solar panel	80W/18V	100W/18V
LiFePO4 battery	260WH	384WH
Charge cycle times	2000 times	
Luminous flux	4500-5400lm	6000-6800lm
Lamp power	30W	40W
LED qty	60pcs	
Color temperature	3000-6000K	
CRI	≥70Ra	
Light distribution	Batwing lens with polarized light	
Lighting time	5-7rainy days	
Working temperature	-20℃~60℃	
Arm diameter	60mm	
Mounting height	5-8m	
Installation spacing	10-30m	





Solar Street Light (Y series)



Unique Integration Design



Power control



LiFePO4 Lithium Battery



Light Efficiency Management



Rotating Solar Panel

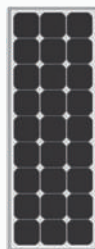


Light Distribution



Control Mode Management

Type	YY-60	YY-80	YY-100	YY-120	YP-120	YP-150	YP-200
Solar panel	40W/5V	60W/6V	80W/6V	100W/6V	120W/18V	150W/18V	100W*2pcs/18V
LiFePO4 battery	144WH	192WH	320WH	384WH	576WH	691WH	768WH
Charge cycle times	2000 times	2000 times	2000 times	2000 times	2000 times	2000 times	2000 times
Luminous flux	2500lm	3400lm	4800lm	6400lm	9600lm	11200lm	12800lm
Lamp power	15W	20W	30W	40W	60W	70W	80W
LED qty	80pcs				100pcs		
Color temperature	3000-7500K						
CRI	≥70Ra						
Light distribution	Batwing lens with polarized light						
Lighting time	5-7 rainy days						
Working temperature	-20℃~60℃						
Arm diameter	60mm						
Mounting height	5-7m			7-12m			
Installation spacing	20-30m			30-40m			



Solar Star Light



Battery program Updated



Power control



Patent Bat-wing Lens



Light Efficiency
Management



LiFePO4 Lithium Battery



Fashionable Design



Control Mode Management

Type	ST-20	ST-30	ST-40
Solar panel	36W/5V	45W/6V	60W/6V
LiFePO4 battery	192WH	256WH	320WH
Charge cycle times	2000 times	2000 times	2000 times
Luminous flux	2600lm	3900lm	5200lm
Lamp power	20W	30W	40W
LED qty	100pcs		
Lifespan of LED	50000 hrs		
Color temperature	3000-7500K		
CRI	≥70Ra		
Light distribution	Batwing lens with polarized light		
Lighting time	5-7 rainy days		
Working temperature	-20℃~60℃		
Pole top diameter	60mm		
Mounting height	5-8m		
Installation spacing	20-30m		



Solar light (LA series)



Battery program Updated



Power control



Patent Bat-wing Lens



Light Efficiency Management



Charge and Discharge Management



Battery Power Indicator

Type	LA-20P	LA-30P
Solar panel	20W/5V	30W/5V
LiFePO4 battery	76WH	144WH
Charge cycle times	2000 times	
Luminous flux	1200lm	1800lm
Lamp power	8W	12W
LED qty	60pcs	60pcs
Lifespan of LED	50000 hrs	
Color temperature	3000-7500K	
CRI	≥70Ra	
Lighting time	2-3 rainy days	
Working temperature	-20 C ~60 C	
Arm diameter	60mm	
Mounting height	5-6m	



Solar Moon Light



Unique Integration Design



Power control



LiFePO4 Lithium Battery



Fashionable Design



Rotating Solar Panel

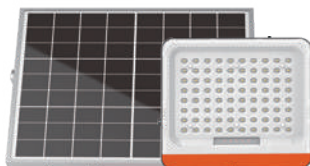


Charge and Discharge
Management



Control Mode Management

Type	RS-ML-R40	RS-ML-H5000
Solar panel	40W/4.5V	20W/5V
LiFePO4 battery	105WH	52WH
Charge cycle times	2000 times	
Luminous flux	1500-1800lm	1200-1440lm
Lamp power	12W	8W
LED qty	30pcs	24pcs
Lifespan of LED	50000 hrs	
Color temperature	3000-7500K	
CRI	≥70Ra	
Lighting time	2-3 rainy days	
Working temperature	-20℃~60℃	
Pole top diameter	40-60mm	
Mounting height	3-5m	
Installation spacing	8-10m	



Solar Beagle Light



Unique Integration Design



Power control



LiFePO4 Lithium Battery



Light Efficiency Management



Fashionable Design



Charge and Discharge Management



Environmental Decoration

Type	RS-BL5000	RS-BL30000	RS-BL40000
Solar panel	15W/5V	30W/5V	40W/5V
LiFePO4 battery	35WH	76WH	128WH
Charge cycle times	2000 times		
Luminous flux	900-1000lm	1600-1700lm	2600-2700lm
Lamp power	5W	9W	15W
LED qty	40pcs	80pcs	
Lifespan of LED	50000 hrs		
Color temperature	3000-7500K		
CRI	≥70Ra		
Lighting time	2-3 rainy days		
Working temperature	-20℃~60℃		
Installation options	pole, lawn, wall		

Solar Nest Light



Type	RS-NL2000
Solar panel	10W/5V
LiFePO4 battery	38WH
Charge cycle times	2000 times
Luminous flux	500-550lm
Lamp power	3W
LED qty	12pcs
Lifespan of LED	50000 hrs
Color temperature	3000-7500K
CRI	≥70Ra
Lighting time	2-3 rainy days
Working temperature	-20 C~60 C
Installation options	pole, lawn, wall



Unique Integration Design



Power control



LiFePO4 Lithium Battery



Light Efficiency Management



Charge and Discharge
Management



Environmental Decoration



Fashionable Design

Solar Bee Light

Type	RS-BE2000-DZ	RS-BE2000-DG
Solar panel	10W/5V	
LiFePO4 battery	38WH	
Charge cycle times	2000 times	
Luminous flux	500-550lm	
Lamp power	3W	
LED qty	12pcs	
Lifespan of LED	50000 hrs	
Color temperature	3000-7500K	
CRI	≥70Ra	
Lighting time	2-3 rainy days	
Working temperature	-20 C~60 C	
Installation options	pole, lawn, wall	



Road Smart is a high-tech enterprise dedicated to intelligent solar street light, providing excellent intelligent solar light solutions and supporting relevant equipment & services .

The company integrates R&D, production, sales and services, forming a strong capability in photovoltaic technology.

A perfect sales and service network has been established both at home and abroad. The products have been applied to more than 120 countries and 400 counties and cities in China, and they are running well.

The Road Smart brand has become a world-renowned brand with strong social influence.

The founding team is a group of technical geeks who planted the genes of technology and innovation for the company; over time, Road Smart is always a young and energetic company.

The company focuses on intelligent control and integration, leading the solar lighting industry, lighting up the world with wisdom.



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