

PR35-3A-3CP / PR35-5A-3CP

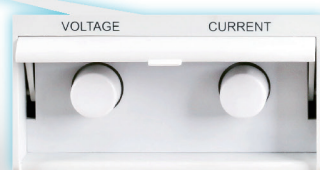
Three channels programmable DC regulated power supply

Overview

PR35-3A-3CP/PR35-5A-3CP Three channels programmable DC regulated power supply, high reliability constant voltage and constant current linear DC regulated power supply. This series have simple operation, durable in use, multiple functions, high quality and reasonable price advantages. User can conduct remote control through PC to power supply to meet various application requirements.

Application

- R&D Lab general test
- Provide pure electric power for RF, microwave circuit or components
- Components or circuit specialty verification and fault diagnose
- Quality control and quality inspection
- Automobile electric circuit test and provide electric power
- Teaching and experiment
- Production automated testing



Panel turnover effect

Features:

- Three channels complete isolation power supply output
- No need external connection, just one button can realize Series/ parallel status switching
- Flip type Panel covers to avoid misoperation
- Low ripple and noise
- 4 digital displays
- OVP,OCP,OHP protection functions
- Intelligent fan cooling system can automatically adjust according to machine internal temperature, which makes the noise low.
- The remote interfaces comply with IEEE Std 488.2-1992 and SCPI Specification 1999.0.

PR series technology specification and functions:

Model		PR35-3A-3CP			PR35-5A-3CP		
Output Specification		Channel 1	Channel 2	Channel 3	Channel 1	Channel 2	Channel 3
Rated output power		105W	105W	5W	175W	175W	5W
		215W			355W		
Voltage							
Rated output voltage		35V		5V(Fixed)	35V		5(Fixed)
Maximum preset voltage		105% of rating (V)		—	105% of rating(V)		—
Setting resolution		1mV		—	1mV		—
Setting accuracy		0.2% set + 0.1% rating		—	0.2% set + 0.1% rating		—
Display accuracy		±(0.5% of rdng+2digits)		—	±(0.5% of rdng+2digits)		—
Line regulation		3mV		—	4mV		—
Load regulation		10mV		—	10mV		—
Transient response		50us		—	50us		—
Ripple noise		0.5mV(rms)		—	0.5mV(rms)		—
Current							
Current		3A		1A	5A		1A
Maximum preset current		105% of rating(A)		—	105% of rating(A)		—
Setting resolution		0.1mA		—	0.1mA		—
Setting accuracy		0.3% set +0.1% rating		—	0.3% set +0.1% rating		—
Display accuracy		±(1% of rdng+5 digits)		—	±(1% of rdng+5 digits)		—
Line regulation		5mA		—	5mA		—
Load regulation		5mA		—	5mA		—
Ripple noise		1mA(rms)		—	2mA(rms)		—
Temperature coefficient		200ppm/°C(typ)					
Protection functions		OVP/OCP/OHP					
Series/Parallel Specification							
Voltage Tracking Characteristic	Series	≤300mV		—	≤300mV		—
	Parallel	≤200mV		—	≤200mV		—
Input Specification							
Nominal input rating		100V、117V、200V、217V（220V）、234V (Factory Preset Parameter) ±10%					
Frequency		50/60Hz					
Dimension(WxHxD)		W250xH186xD385mm					
Environmental conditions							
Operating temperature		0°C to +40°C					
Operating humidity		< 85%RH					
Communication interface		RS232/USB					
Standard Packing							
Inner box: 47.6x35.6x27.5(CM)		N.W.: 12.6KG G.W.: 13KG			N.W.: 14.4KG G.W.: 14.8KG		