

Redundant PSU

CRPS 1600/1400/1200/1000W



Features

- Support 240VDC input
- Support PMBus 1.2
- N+1 Redundant
- Cold Redundancy
- Black Box Recorder
- Japanese Electrolytic Capacitor
- Patent # US 9,906,073 B1, CN ZL 201721513354.1, TW I645639, CN ZL 201720689617.8, CN ZL 201721390634.8, TW I637411

Safety

- cUL, TUV, CB, CCC, BSMI

EMI/EMC

- CE, FCC

Dimension

- 185 mm (L) x 73.5 mm (W) x 40 mm (H)

Model	Total Power	Input Type	DC Outputs	
			12 V	+12 Vsb
S1M-102CGP2	1000W	100-240VAC	83.3A	2.1A
S1M-122CGP2	1200W	200-240VAC	100A	2.1A
S1M-142CGP2	1400W	200-240VAC	116.6A	2.1A
S1M-162CGP2	1600W	200-240VAC	133.3A	2.1A
Regulation			±5%	±5%
Ripple & Noise (mVp-p)			120	120

Environmental Specifications	
Temperature	-5 °C to +50 °C
Humidity	Up to 85% RH, non-condensing
Altitude	5000 Meter

General Specifications	
Hold-up time	10ms @ 70% Load
Efficiency	> 94% @ 50% Load
Protection	OCP/OVP/OTP
MTBF	100,000 Hours per MIL-HDBK-217F at 25 °C

