



## Replacement Power Modules for BRM Model Power Supplies

Models
SEC-2012MPSB 20 Amps
SEC-1024MPSB 10 Amps
SEC-0548MPSB 5 Amps
SEC-2012MPSB-230 20 Amps

### Design Features

- Provides N+1 redundancy (2 or more running in parallel)
- Expand output power by adding power modules
- Operation status LED
- Remote indication of operation status
- Open frame construction

## 2 YEAR LIMITED WARRANTY

MODEL NO.	SEC-2012MPSB	SEC-1024MPSB	SEC-0548MPSB	SEC-2012MPSB-230
INPUT VOLTAGE RANGE	108 - 132 VAC, 50 / 60 Hz	108 - 132 VAC, 50 / 60 Hz	108 - 132 VAC, 50 / 60 Hz	108 - 132 VAC, 50 / 60 Hz
INPUT CURRENT	4A ± 0.5A	4A ± 0.5A	4A ± 0.5A	4A ± 0.5A
INPUT POWER FACTOR	0.6 ± 0.05	0.6 ± 0.05	0.6 ± 0.05	0.6 ± 0.05
PRESET OUTPUT VOLTAGE	14.2 ± 0.05 VDC	28 ± 0.1 VDC	55 ± 0.2 VDC	14.2 ± 0.05 VDC
ADJUSTMENT OUTPUT VOLTAGE	13.9 - 14.9 VDC	26.8 - 28.5 VDC	13.9 - 14.9 VDC	13.9 - 14.9 VDC
OUTPUT VOLTAGE REGULATION	1%	1%	1%	1%
CONTINUOUS OUTPUT CURRENT	20A	10A	5A	20A
OUTPUT CURRENT LIMIT	24A ± 1A	12A ± 1A	6A ± 0.3A	24A ± 1A
OUTPUT RIPPLE (PEAK TO PEAK)	< 150 mV	< 150 mV	< 150 mV	< 150 mV
OUTPUT NOISE (PEAK TO PEAK)	< 2V	< 2V	< 2V	< 2V
EFFICIENCY	82 ± 1%	85 ± 1%	87 ± 1%	82 ± 1%
COOLING	Through heat sink mounted on the PBC. Requires external fan.			
OPERATING TEMPERATURE	0 - 40°C	0 - 40°C	0 - 40°C	0 - 40°C
PARALLEL OPERATION WITH CURRENT SHARING	Active current share control through daisy chained Share Bus.			
PROTECTIONS	Short circuit, current limit, input surge / transient suppression			
INPUT AC SIDE FUSE	250V, 4A	250V, 4A	250V, 4A	250V, 4A
DIMENSIONS, MM (L x W x H)	183 x 86 x 64	183 x 86 x 64	183 x 86 x 64	183 x 86 x 64
DIMENSIONS, INCHES (L x W x H)	7.2 x 3.4 x 2.5	7.2 x 3.4 x 2.5	7.2 x 3.4 x 2.5	7.2 x 3.4 x 2.5
WEIGHT, KG	0.73	0.73	0.73	0.73
WEIGHT, LB	1.6	1.6	1.6	1.6

NOTE: Specifications are subject to change without notice