



POWER SUPPLY SPECIFICATION

	POW-109SMM	POW-107BBWM	POW-111	POW-116	POW-122
Input Voltage $\pm 10\%$	110 – 230V AC	100 – 240V AC	220 – 240V AC	220V AC +10%	190 – 265V AC
Output Voltage	13.8V DC $\pm 10\%$ Adjustable	13.8V DC 12V DC/15V DC	13.8V DC	0 – 30V DC Adjustable	13.8V DC $\pm 15\%$ Adjustable
Voltage Regulation	Fully Regulated	Fully Regulated	Fully Regulated	Fully Regulated	Fully Regulated
Short Circuit Protection	Yes	Yes	Yes	Yes	Yes
Over Voltage Protection on Output	Yes	Yes	Yes	Yes	Yes
Internal Battery Option for Mains Fail	No	Yes	No	No	Yes
Low Battery Voltage Cut Out	No	Yes	No	No	Yes
Output Current – Aggregate of Load and Charge	30 A	12 A	28 A	0 - 30 A	3 A
80% Standby – 20% Full load or continuous Rating	30 A Continuous	12 A	28 A Continuous	Continuous Variable Dials	3 A
Operating Temperature	-10 to +60°C	-10 to +60°C	-10 to +60°C	0 to 40°C	-10 to +60°C
Ripple and Noise	<80 mV P-P	>10 mV P-P/85%	50 mV P-P	L/M VRMS	<40 mV P-P
Type	Switch Mode	Switch Mode	Switch Mode	Linear	Switch mode
Size: W x H x L	110 x 70 x 220mm	90 x 270 x 210mm	19" Rack x 120 x 200mm (24)	400 x 220 x 500mm	165 x 75 x 205mm
Thermal Cut Out (Self Restoring)	Yes	Yes	Yes	No	Yes
Metering	No	Annlogue Voltmeter	Annlogue Voltmeter	Digital Voltmeter	LED's
Charge over-current Circuit Breaker	No	Yes	Yes	No	Yes

Specification subject to change without notice. Issue



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