

C Series



MODEL	C100012-1	C100024-1	C100048-1	C100012	C100024	C100048	
OUTPUT	AC Voltage	100/110/120 VAC			220/230/240 VAC		
	Rated Power	1000W					
	Surge Power	2000W (for a few seconds)					
	Waveform	Pure Sine Wave (THD<3%)					
	Frequency	50Hz ± 3Hz					
	AC Regulation	± 5%					
	Socket Type	UK					
	LED Indicator	Green for power on, red for failure / protection status indication					

INPUT	No Load Current Draw	<0.8A					
	DC Voltage	12V	24V	48V	12V	24V	48V
	Voltage Range	10.5~15V DC	21~30V DC	42~60V DC	10.5~15V DC	21~30V DC	42~60V DC
	Efficiency	>87%	>90%	>90%	>87%	>90%	>90%
	Fuse	30A * 4	15A * 4	7.5A * 4	30A * 4	15A * 4	7.5A * 4
	DC Cable	BVR4 * 2	BVR4 * 2	BVR4 * 2	BVR4 * 2	BVR4 * 2	BVR4 * 2

PROTECTION	Bat. Low Alarm	11 ± 0.5V DC	22 ± 1V DC	44 ± 2V DC	11 ± 0.5V DC	22 ± 1V DC	44 ± 2V DC
	Bat. Low Shutdown	10.5 ± 0.5V DC	21 ± 1V DC	42 ± 2V DC	10.5 ± 0.5V DC	21 ± 1V DC	42 ± 2V DC
	Overload	Shutdown					
	Over Voltage	14.8 ± 0.5V DC	29.6 ± 1V DC	58.4 ± 2V DC	14.8 ± 0.5V DC	29.6 ± 1V DC	58.4 ± 2V DC
	Over Temperature	Shut-off output voltage, automatic recovery after temperature drops					
	Short Circuit	Shut-off output voltage, power off and restart to recover					
	Bat. Reverse Polarity	By fuse					
	Soft Start	Yes 5 ~ 10 secs					
Earth Leakage	Yes						

ENVIRONMENT	Reset Voltage after LVS	11.8 ~12.8V DC	23.6 ~25.6V DC	47.2 ~51.2V DC	11.8 ~12.8V DC	23.6 ~25.6V DC	47.2 ~51.2V DC
	Working Temperature	0~40°C					
	Working Humidity	20%~90% RH non-condensing					

SAFETY & EMC	Storage Temp & Humidity	-30°C - 70°C 10-95%					
	Isolation Resistance	I/P-O/P 1000Ohms/500VDC					
	EMI Conduction & Radiation	Compliance to EN55022 Class A					
	EMS Immunity	Compliance to EN61000-3-2,3					
	LVD	Compliance to EN60950-1: 2006+A11: 2009					
	E-Mark	Compliance to E8*72/245/EEC,95/54/EC					

OTHERS	Dimension	293*150*97.5mm					
	Packing	2.9kg, 4 pcs / 14.4kg / Ctn (38.5*35*34cm)					
	Cooling Fan	Controlled by load / temperature					
	USB	5V					
	RCD Switch	For neutral and earth bonding capability					
	Remote On/Off Switch	4.5m Wired Remote ON/OFF Switch (Optional)					

Guaranteed Performance

1 Years Manufacturers Warranty

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