

Modified Sine Wave Power



FEATURES: ■


- I/P voltage: 12V DC or 24V DC or 48V DC ◀
- Output voltage: 100/110/120V AC or 220/230/240V AC ◀
- Output frequency: 50/60Hz ± 3 ◀
- I/P protections: Bat.Low alarm; Bat.Low shutdown; Over voltage; Polarity reverse ◀
- O/P protections: Over load; Short circuit; Earth fault; Over temperature; Soft start ◀
- Output waveform: Modified Sine Wave ◀
- Design: High frequency design ◀
- Topology: Microprocessor ◀
- No load current draw: Low power consumption (standby) ◀
- In front panel: With power ON/OFF switch and LED indicator ◀
- ON/OFF remote control: optional ◀
- Cooling fan: Load controlled or temperature controlled cooling fan (optional) ◀



Output Receptacle (optional)



■ SPECIFICATION:

Model	CM3000-121	CM3000-122	CM3000-241	CM3000-242	CM3000-481	CM3000-482	
Output	AC Voltage	110V	230V	110V	230V	110V	230V
	AC Voltage Range	100~120V AC	220~240V AC	100~120V AC	220~240V AC	100~120V AC	220~240V AC
	AC Regulation	±10%					
	Rated Power	3000W					
	Peak Power	6000W(few seconds)					
	Waveform	Modified Sine Wave 					
	Frequency	50/60Hz±3					
	USB Port	5V 500mA(optional)					
	LED Indicator	Green for power on, Red for power failure / protection status					
Cooling fan	Control by load						
Input	DC Current	300A	150A	75A			
	No Load Current Draw	1.5A	1.5A	1.5A			
	DC Voltage	12V	24V	48V			
	Voltage Range	9.5~16V DC	19~32V DC	38~64V DC			
	DC Connector	BVR16 battery clip * 2ea	BVR16 battery clip * 1ea	BVR10 battery clip * 1ea			
Protection	Efficiency	≥90%					
	Low Voltage Alarm	11±0.5V DC	22±1V DC	44±1V DC			
	Low Voltage Shutdown	9.5±0.5V DC	19±1V DC	38±1V DC			
	Reset Voltage after L. V. S	11.5V~12V DC	23~24V DC	46~48V DC			
	Overload	Shut off o/p, re-power to recover					
	Over Voltage	15±0.5V DC	30±1V DC	60±2V DC			
	Over Temperature	45±5 / 113±9 F °					
	Output Short-circuit	Shut off o/p, when output is short circuit					
	Reverse Polarity	By fuse open					
	Replaceable Fuse	30A*12	15A*12	7.5A*12			
Soft Start	Yes, 3~5's						
Earth Fault	Shut off o/p when the load has electric leakage						
Environment	Working Temp.	0~30 @ 100% load; 40 @50% load					
	Working Humidity	20%~90% RH non-condensing					
	Storage Temp., Humidity	-30~+70 / -22~+158 , 10~95%RH					
	Temp. Coefficient	±0.05%(0~50)					
Safety&EMC	Isolation Resistance	I/P-O/P:100M Ohms/500VDC/25 /70%RH					
	EMI Conduction&Radiation	Compliance to EN55022 class B, 72/245/CEE, 95/54/CE					
	EMS Immunity	Compliance to EN61000-4-2,3					
	LVD	Compliance to EN60950					
	E-mark	E8 10R-02 0633					
Other	Remote Control	optional(switch with 5m wire)					
	MTBF	37khrs min. MIL - HDBK - 217(25)					
	N.W/unit	6200g					
	Dimension(cm)	42*23*10.8(L*W*H)					
	Packing	Blister card/gift box, 2 units/15.8Kg/Ctn(49*31.5*38.5cm)					
	Output Receptacle	A, B, C, D, E, F, G, H, I, J, K, L, M, N(optional)					
Applications	Home appliance, power tools, office and portable equipment and vehicle...etc.						

Note: Specification prior to change without notice