

LC Series 800W~8000W SLU Series 800W~8000W

LCD Display Pure Sine Wave Inverter / Charger
(Solar charge controller-Option)



Power Master
Technology Co., Ltd

Feature

- ★ Simplified sine wave inverter built in battery charger. ★ Solar charge controller (optional).
- ★ Economic solar inverter for home applications. ★ LCD display. ★ THD less than 3%.

Specification

Model		PM-0800LC PM-0800SLU	PM-1600LC PM-1600SLU	PM-2400LC PM-2400SLU	PM-4000LC PM-4000SLU	PM-6000LC PM-6000SLU	PM-8000LC PM-8000SLU		
Capacity	VA / Watt	1.2KVA / 800W	2.4KVA / 1600W	3.6KVA / 2400W	5KVA / 4000W	6KVA / 6000W	8KVA / 8000W		
Input	Nominal Voltage	220Vac ; 110Vac					220Vac only		
	Voltage Range	Acceptable Voltage Range	120~275Vac ; 60~135Vac					120~275Vac	
		Frequency	50Hz / 60Hz (45Hz ~ 70Hz)						
		Line Low Transfer	120VAC ± 2% ; 60VAC ± 2%					120VAC ± 2%	
		Line Low Return	130VAC ± 2% ; 65VAC ± 2%					130VAC ± 2%	
		Line High Transfer	275VAC ± 2% ; 135VAC ± 2%					275VAC ± 2%	
		Line High Return	260VAC ± 2% ; 130VAC ± 2%					260VAC ± 2%	
Output	Voltage	220Vac (230V or 240VAC re-settable via LCD panel) ; 110Vac (115V or 120VAC re-settable via LCD panel)							
	Voltage Regulation (Battery Mode)	< 3% RMS for entire battery voltage range							
	Frequency	50Hz or 60Hz							
	Frequency Regulation (Battery Mode)	±0.1Hz							
	Power Factor		0.67		0.8		1.0		
	Waveform	Pure Sinewave							
	Efficiency	> 75%			> 80%				
	Overload Protection	Line Mode	Circuit Breaker						
		Battery Mode	110% ~ 150% for 30 sec. , > 150% for 200ms						
Transfer Time	Typical	< 8 ms.							
Battery	Battery Voltage	12Vdc		24Vdc		48Vdc			
	Backup Time (at full load)	long time available							
	Max. Charging Current (5 steps selectable)	> 40A		> 50A		> 40A	> 60A		
Solar Charge Controller * Just for SLU Series	Battery Voltage	12V		24V		48V			
	Charging Voltage	13.8V		27.7V		55.2V			
	Solar Maximum Peak Voltage	25.0V		50.0V		100V			
	Solar Charging Working Voltage	12.0V		24.0V		44.0V			
	Maximum Charging Current	50A							
	Polarity Protect	Yes							
	Backflow Protect	Yes							
Display LCD	LCD	UPS status, I/P&O/P Voltage Frequency, Load%, Battery Voltage & %, Charge current, Temperature, Model							
	LED	Normal (Green), Warning (Yellow), Fault (Red)							
Audible Alarm	Battery Mode	Beeping every 4 seconds							
	Low Battery	Beeping every second							
	UPS Fault	Beeping continuously							
	Overload	Beeping twice per second							
Environment	Operation Temperature	0~40 degree C ; 32~104 degree F							
	Relative Humidity	0~95% non-dondensing							
	Audible Noise	Less than 55dBA (at 1M)							
Physical	Net Weigh (kgs)	12.0	24.0	31.5	49.2	51.4	55.0		
	(WxHxD)mm Rack Mount	440x132x290	440x132x360	440x132x360					
	(WxHxD)mm Wall Mounted	298x400x150	298x450x190	298x450x190	415x600x260	415x600x260	415x600x260		



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