

Multi-Grid Interter 2.6KW-7.2KW



- Customizable status LED bar with RGB lights
- Built-in wifi for mobile monitoring (Android/iOS Apps are available)
- Support USB On-the-go Function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable High-Power charging current
- Selectable input voltage range for home appliances and personal computers
- Compatible to utility mains or generator input
- Build-In anti dusk kit
- Optional DC output for DC fan, Led bulb, router and so on
- Pararel operation up to 6 units only available for 7.2kVA



RGB light:

Different color to present output source from PV, Grid or battery and battery charge/discharge status



Communication for Remote panel



Parallel connectors:

Maximum 6 units in parallel (only for MAX-7200)



Diverse communications:

USB On-the-Go function, Dry contact and BMS communication



Anti-dust filter:

Increase product reliability in harsh environment



DC output connectors:

Connect to DC fan, LED bulb or router



Multi-Grid Inverter Selection Guide

	CL-PSW-MG-3.6KW		CL-PSW-MG-7.2KW	
Rated Power	3600VA/3600W		7200VA/7200W*	
PARALLEL CAPABILITY	NO		Yes, up to 6 units	
Voltage	230 VAC	120 VAC	230 VAC	120 VAC
Selectable Voltage Range	170-280 VAC	90-140 VAC	170-280 VAC	90-140 VAC
	(For Personal Computers)	(For Personal Computers)	(For Personal Computers)	(For Personal Computers)
	90-280 VAC	80-140 VAC	90-280 VAC	80-140 VAC
	(For Home Appliances)	(For Home Appliances)	(For Home Appliances)	(For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)			
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	120VAC ± 5%	230VAC ± 5%	120VAC ± 5%
Surge Power	7500VA	7500VA	15000VA	15000VA
Efficiency (Peak)	90% ~ 93%			
Transfer Time	15 ms (For Personal Computers) ; 20 ms (For Home Appliances)			
Waveform	Pure sine wave			
No Load Power Consumption	< 45W		< 70W	
Battery Voltage	24 VDC		48 VDC	
Floating Charge Voltage	27 VDC		54 VDC	
Overcharge Protection	33 VDC		66 VDC	
Solar Charger Type	MPPT			
Maximum PV Array Power	4000 W		8000W (4000W x 2)	
MPPT Range @ Operating Voltage	120 ~ 450 VDC	90 ~ 230 VDC	90 ~ 450 VDC	90 ~ 230 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	250 VDC	500 VDC	250 VDC
Maximum Solar Charge Current	80 A			
Maximum AC Charge Current	80 A			
Maximum Charge Current	80 A			
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6			
Net Weight (kgs)	14.1		18.4	
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact			
Humidity	5% to 95% Relative Humidity(Non-condensing)			
Operating Temperature	-10°C to 50°C			
Storage Temperature	-15°C to 60°C			
Compliance Safety	CE	UL	CE	UL