

Multi-Grid Interter 2.6KW-7.2KW



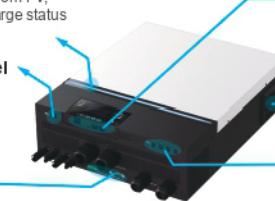
- Customizable status LED bar with RGB lights
- Built-in wifi for mobile monitoring (Android/iOS Apps are available)
- Support USB On-the-go Fuction
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable 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 dust kit
- Optional DC output for DC fan, Led bulb, router and so on
- Paralel 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 (For Personal Computers) 90-280 VAC (For Home Appliances)	90-140 VAC (For Personal Computers) 80-140 VAC (For Home Appliances)	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	90-140 VAC (For Personal Computers) 80-140 VAC (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		