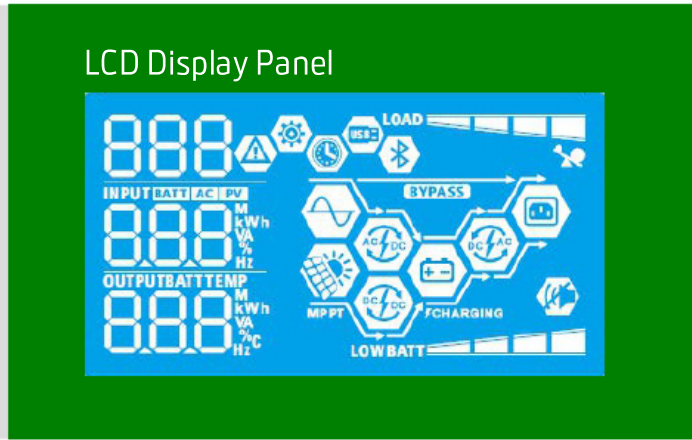
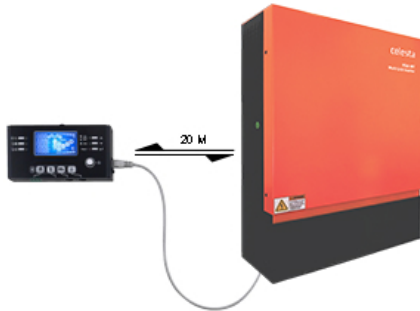


CL-PSW-MG 3KW-5KW



Multi Grid Inverter

- **Detachable LCD control module with various communications**
This detachable LCD control module can be turned to remote panel. Users can install the LCD panel in accessible area away from inverter up to 20 meters.



- **Integrated Bluetooth interface with Andriod App**
CL-PSW-MG is integrated Bluetooth interface ready for mobile monitoring. This technology allows wireless communication up to 6~7m in an open space. Now, WatchPower App is available in google store.



- **Supports USB On-the-Go Function**
supports USB On-the-Go function to facilitate data upload/download.



- **Reserved communication port (RS-485, CAN-BUS or RS-232) for BMS**
This third generation inverter is reserved communication port for BMS. For the detailed information, please contact sales directly.



- **Battery equalization extends lifecycle**
This inverter charger is built in battery equalization function. This function will help remove sulfation to optimize battery performance and even extend lifecycle.
- **Battery independency**
Inverter can keep supplying power to the loads from PV energy or the grid without battery connected.



- **User-friendly LCD operation**
Users can easily set up or change the charging current, output source and charger source prioritization through LCD control panel to optimize inverter performance.



- **Replacable fan design**
Designed with replacable fan. It will simplify the maintenance and reduce the maintenance cost.



CL-PSW-MG 3KW / 5KW Multi-Grid Inverter Selection Guide

MODEL	CL-PSW-MG-3KW	CL-PSW-MG-5KW
Rated Power	30000VA / 30000W	50000VA / 50000W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280VAC (For Personal Computer) 90-280VAC (For Home Application)	
Frequency Range	50 Hz / 60 H (Auto Sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230 VAC ± 5%	
Surge Power	6000VAC	10000VAC
Efficiency (Peak)	90%~93%	
Transfer Time	10ms (For Personal Computer) 20ms (For Home Application)	
Waveform	Pure Shine Wave	
BATTERY		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	4000W	5000W
MPP Range @ Operating Voltage	120~450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Solar Charge Current	80 A	
Maximum AC Charge Current	60 A	
Maximum Charge Current	80 A	
PHYSICAL		
Dimension, D x W x H (mm)	115 x 300 x 400	
Net weight (kgs)	9	10
Communication Interface	USB/RS232/RS485/Bluetooth/Dry-Contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-Condensing)	
Operating Temperature	-10° C to 50° c	
Storage Temperature	-15° C to 60° c	

Product specifications are subject to change without further notice.