



**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

# Max Series Solar Inverter

## Main Features

- \* Customizable status LED bar with RGB lights
- \* Built-in WiFi for mobile monitoring (Android/iOS App 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 appliance and personal computers
- \* Compatible to Utility Mains or generator input
- \* Built-in anti-dust kit
- \* Optional DC output for DC fan, LED bulb, router and so on
- \* Parallel operation up to 6 units only available for 7.2kVA



Model	Max 3600	Max 7200 /Max 8000	Max 6500
RATED POWER	3600VA / 3600W	7200VA / 7200W 8000VA / 8000W	6500VA / 6500W
Parallel	No	Yes, 6 units	Yes, 6 units
<b>INPUT</b>			
Voltage	230 VAC		120 VAC
Selectable Voltage Range	170-280VAC (for personal computers) 90-280VAC (for home appliances)		90-140 VAC (For Personal Computers) 80-140 VAC (For Home Appliances)
Frequency Range	50Hz/60Hz (auto sensing)		
<b>OUTPUT</b>			
AC Voltage Regulation (Batt. Mode)	230 VAC ±5%		120 VAC ± 5%
Surge Power	7500VA	15000VA	15000VA
Efficiency (Peak)	90%~93%		
Transfer Time	10ms (For Personal Computers);20ms (For Home Appliances)		
Waveform	Pure sine wave		
No Load Power Consumption	<45W	<70W	<70W
<b>BATTERY</b>			
Battery Voltage	24 VDC	48 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC	54 VDC
Overcharge Protection	33 VDC	66 VDC	66 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>			
Solar Charger type	MPPT		
Max. PV Array Open Circuit Voltage	500VDC	500VDC	250VDC
MPPT Range @Operating Voltage	120~450VDC	90~450VDC	90~230VDC
Max. PV Array Power	4000 W	8000 W (4000 W x2)	8000 W (4000 W x2)
Max. Solar Charge Current	80 A	80 A	120A
Max. AC Charge Current	80 A	80 A	120A
Max. Charge Current	80 A	80 A	120A
<b>PHYSICAL</b>			
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6		
Net Weight (kgs)	14.1	18.4	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact		
<b>ENVIRONMENT</b>			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10° C to 50° C		-10° C to 40° C
Storage Temperature	-15° C to 60° C		