

3600W / 7200W SMART HIGH VOLTAGE INVERTER



- Status indication with RGB lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports 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
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on.
- Parallel operation with 6 units for 7200VA model
- Dual outputs selected as either programmable output or generator input

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SMART SPECIFICATION

MODEL	Smart 3600-24-230	Smart 7200-48-230
Rated Inverter Power	3600VA/3600W	7200VA*/7200W
PARALLEL CAPABILITY	NO	YES, 6 units
INPUT		
Voltage	230 VAC	230 VAC
Selectable Voltage Range	170-280 VAC (For Computers) 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	230VAC ± 5%
Surge Power	7500VA	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
Optional DC Voltage	12 VDC ± 5%, 100W	12 VDC ± 5%, 100W
Dual Outputs	Yes	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	66 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger type	MPPT	
Maximum PV Array Power	4000W	8000W (4000W x 2)
MPPT Range @ Operating Voltage	120 ~ 450 VDC	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC
Maximum Solar Charge Current	80A	80A
Maximum AC Charge Current	80A	80A
Maximum Charge Current	80A	80A
PHYSICAL		
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	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
STANDARD		
Compliance Safety	CE	

* 120 VAC model may not reach to 7200W when unit operated under inverter mode

* Product specifications are subject to change without further notice