



SOLAR HYBRID INVERTER

PRO-MAX Series (2.2KW/3.2KW/4.2KW/6.2KW/7KW/10.2KW)

Key Features

- Pure sine wave solar inverter (Output power factor 1.0)
- Built-in 120A MPPT Solar charge: max 6500W for 6.2KW
- WIFI&GPRS available for IOS and Android
- High PV input voltage range (60~500VDC)
- Inverter can run without battery
- Built-in anti-dust kit for harsh environment
- One-key restoration to factory Settings
- Smart battery charge design to optimize battery life
- Built-in Lithium battery automatic activation
- Dual output
- RS485/RS232/WIFI/GPRS/LITHIUM BATTERY



MODEL	PRO-TS6200	PRO-TS10200
Phase	1-phase	
Maximum PV Input Power	6500W	5400W+5400W
Rated Output Power	6500W/6500VA	10200W/10200VA
Maximum Solar Charging Current	120A	160A
GRID-TIE OPERATION		
PV Input(DC)		
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC	90VDC/120VDC
MPPT Voltage Range	60VDC-450VDC	90VDC-450VDC
Number of MPPT Trackers/Maximum Input Current	1/22A	2/18A
GRID OUTPUT(AC)		
Nominal Output Voltage	220/230/240VAC	220/230/240VAC
Output Voltage Range	195-253VAC	190-253VAC
Nominal Output Current	27.0A	44.3A
Power Factor	>0.99	>0.99
Feed-in Grid Frequency Range	49~51±1Hz	49~51±1Hz
EFFICIENCY		
Maximum Conversion Efficiency(DC/AC)	98%	
TWO LOAD OUTPUT POWER		
Full Load	6200W	10200W
Maximum Main Load	6200W	10200W
Maximum Second Load(battery mode)	2067W	3400W
Maximum Load Cut Off Voltage	44VDC	52VDC
Maximum Load Return Voltage	52VDC	54VDC
OFF-GRID OPERATION		
AC INPUT		
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC	
Acceptable Input Voltage Range	90-280 VAC or 170-280VAC	
Maximum AC Input Current	40A	50A
Nominal operating frequency	50/60Hz	
Surge power	10000W	20400W
PV INPUT(DC)		
Maximum DC Voltage	500VDC	360/500VDC
MPPT Voltage Range	90VDC-450VDC	90VDC-450VDC
Number of MPPT Trackers/Maximum Input Current	1/27A	
BATTERY MODE OUTPUT(AC)		
Nominal Output Voltage	220/230/240VAC	220/230/240VAC
Output Waveform	Pure sine wave	Pure sine wave
Efficiency(DC to AC)	94%	94%
BATTERY&CHARGER		
Nominal DC Voltage	48VDC	48VDC
Maximum Solar Charging Current	120A	160A
Maximum AC Charging Current	100A	140A
GENERAL		
PHYSICAL		
Dimension,D X W X H(mm)	420*350*110	530*420*160
Cartoon Dimension,D X W XH(mm)	500*415*180	618*463*205
Net Weight(kgs)	9	15
Gross Weight(kgs)	10	16.5
INTERFACE		
Communication Port	RS232/RS485/WIFI//GPRS/Lithium Battery	
ENVIRONMENT		
Operating Temperature	-10-50°C	