



NEW

V IV WP 6K HYBRID INVERTER

Features:

1. Maximum PV power 8000W and input current 27A.
2. Built-in PV DC switch.
3. Parallel operation up to 2 unit.
4. Dual inputs and dual outputs.
5. Built-in WiFi with App and OTA firmware features.
6. True battery reverse polarity protection.
7. Low noise and no load consumption.
8. Built-in pre-charge circuit to reduce inrush current.
9. Dual PV input ports.
10. Built-in meter calibration function.
11. Metered 2nd output

MODLE	V IV WP 6K
PHASE	1-phasein/1-phase out
MAXIMUM PV INPUT POWER	7000W
RATED OUTPUT POWER	6000VA/6000W
MAXIMUM CHARGING POWER	600W
GRID-TIE OPERATION	
PV INPUT (DC)	
Maximum DC voltage	550 VDC
Start-up Voltage/ initial Feeding Voltage	120VDC/150 VDC
MPP Voltage Range	120VDC-450 VDC
Number of MPP Trackers / Maximum input Current	1/30A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC (Selectable)
Nominal Output Current	26A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	97%
OFF- GRID OPERATION	
AC INPUT	
AC Startup Voltage / Auto Restart Voltage	120-140 VAC/180 VAC
Acceptable input Voltage Range	90-280 VAC or 170-280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
Maximum Ac input Current	40A
PV INPUT (DC)	
Maximum DC Voltage	55 VDC
MPP Voltage Range	120VDC-450 VDC
Number of MPP Trackers / Maximum input Current	1/30A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	93%
HYBRID OPERATION	
PV INPUT (DC)	
Maximum DC Voltage	550VDC
AC Start.up Voltage / Auto Restart Voltage	120 VDC / 150 VDC
MPP Voltage Range	120 VDC / 450 VDC
Number of MPP Trackers / Maximum input Current	1/30A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Voltage Range	184 -264.5 VAC or 195.5 -253 VAC or 184 - 264.4 VAC (Selectable)
Nominal Output Current	26A
AC INPUT	
AC Start.up Voltage / Auto Restart Voltage	120- 140 VAC / 180 VAC
Acceptable input Voltage Range	90 -280 VAC or 170 - 280 VAC
Maximum AC Input Current	40A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Efficiency (DC to AC)	93%
BATTERY &CHARGE	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	120A
Maximum AC Charging Current	120A
Maximum Charging Current	120A
GENERAL	
PHYSICAL	
Dimension, D x W x H (mm)	192*360*665
Net Weight(kgs)	22.5
INTERFACE	
Parallel Function	Yes.9 units
Communication Port	USB or RS-232/Dry ContactRS485/Wi-Fi
ENVIRONMENT	
Humidity	0~95%RH(NO condensing)
IP degree	IP 65
Operating Temperature	-25°C to 50°C