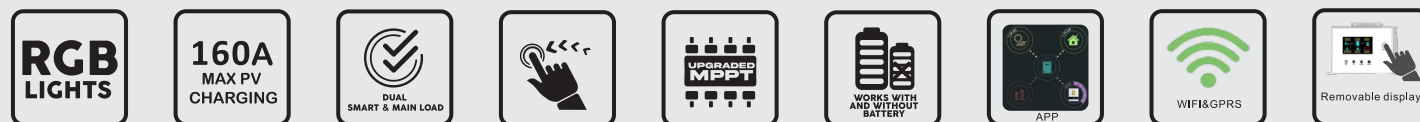


LCD Display



Features

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter can run without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 160A MPPT solar charger (for 8.2kw,10.2kw), 140A(for 7.2kw)
- High PV input voltage range(90~ 500VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output
- Dual PV input
- Touch button
- On Off Grid Work Mode
- Built Remove LCD Display and Key

MODEL	VICTOR MAX PRO-7.2KW	VICTOR MAX PRO-8.2KW	VICTOR MAX PRO-10.2KW
Phase	1-phase		
Maximum PV Input Power	8200W	8200W 5400W+5400W	10200W 5400W+5400W
Rated Output Power	7200W/7200VA	8200W/8200VA	10200W/10200VA
Maximum Solar Charging Current	140A	160A	160A

GRID-TIE OPERATION

PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	1/23A 1/23A 2/18A 1/23A 2/18A

GRID OUTPUT (AC)			
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	190~253VDC		
Nominal Output Current	31.3A	35.6A	44.3A
Power Factor	>0.99		
EFFICIENCY			
Maximum Conversion Efficiency (DC/AC)	98%		
TWO LOAD OUTPUT POWER			
Full Load	7200W	8200W	10200W
Maxium Main Load	7200W	8200W	10200W
Maxium Second Load(battery mode)	2400W	2733W	3400W
Maximum Load Cut Off Voltage	52VDC	52VDC	52VDC
Maximum Load Return Voltage	54VDC	54VDC	54VDC

OFF-GRID OPERATION

AC INPUT			
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VACor170-280VAC		
Frequency Range	49~51±1HZ		
Maximum AC Input Current	40A	40A	50A

PV INPUT (DC)			
Nominal DC Voltage/Maximum DC Voltage	360/500VDC		
MPPT Voltage Range	90~450VDC		
Maximum Input Current	1/23A	1/23A 2/18A	1/23A 2/18A

BATTERY MODE OUTPUT (AC)			
Nominal Output Voltage	220/230/240VAC		
Output Waveform	Pure sine wave		
Efficiency (DC to AC)	94%		

BATTERY & CHARGER			
Nominal DC Voltage	48VDC		
Maximum Solar Charging Current	140A	160A	160A
Maximum AC Charging Current	120A	140A	140A
Maximum Charging Current	140A	160A	160A

HYBRID OPERATION			
PV INPUT (DC)			
Nominal DC Voltage/Maximum DC Voltage	360/500VDC		
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC		
MPPT Voltage Range	90~450VDC		
Maximum Input Current	1/23A	1/23A 2/18A	1/23A 2/18A

GRID OUTPUT (AC)			
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	190~253VDC		
Nominal Output Current	31.3A	35.6A	44.3A

AC INPUT			
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VACor170-180VAC		
Maximum AC Input Current	40A	40A	50A
Maximum AC Charging Current	120A	140A	140A

GENERAL			
PHYSICAL			
Dimension, D x W x H (mm)	500*390*170		
Carton Dimension,D X W XH(mm)	618*463*242		
Net Weight (kgs)	14.2	15.8	16.2
Gross Weight(kgs)	15.4	16.4	16.8

INTERACE	
Communication Port	RS232/RS485/WIFI/GPRS/REMOVE LCD/LITHIUM BATTERY

ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non ~ condensing)
Operating Temperature	-10°C ~ 50°C

STANDARD	
Compliance Safety	CE