

ON/OFF GRID SPLAR INVERTER



»» 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)
- Dual communication ports for Battery communication and Wifi communication
- 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

»» Product Data Sheet

MODEL	VICTOR MAX-8.2KW		VICTOR MAX-10.2KW
Phase	1-phase		
Maximum PV Input Power	5400W+5400W		
Rated Output Power	8200W/8200VA		10200W/10200VA
Maximum Solar Charging Current	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	2/18A		
GRID OUTPUT(AC)			
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	195~253VAC		
Nominal Output Current	35.6A		44.3A
Power Factor	>0.99		
EFFICIENCY			
Maximum Conversion Efficiency(DC / AC)	98%		
TWO LOAD OUTPUT POWER			
Full Load	8200W		10200W
Maximum Main Load	8200W		10200W
Maximum Second Load(battery mode)	2733W		3400W
Maximum Load Cut Off Voltage	52VDC		
Maximum Load Return Voltage	54VDC		
OFF-GRID OPERATION			
AC INPUT			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90~280VAC or 170~280VAC		
Frequency Range	59~61±1Hz		
Maximum AC input Current	48.2A		60A
PV INPUT(DC)			
Nominal DC Voltage/Maximum DC Voltage	360/500VDC		
MPPT Voltage Range	90~450VDC		
Maximum Input Current	2/18A		
BATTERY MODE OUTPUT(AC)			
Nominal Output Voltage	220/230/240VAC		
Output Wave Form	Pure sine wave		
Efficiency (DC to AC)	94%		
BATTERY&CHARGER			
Nominal DC Voltage	48VDC		
Maximum Solar Charging Current	160A		
Maximum AC Charging Current	140A		
Maximum Sotar+AC Charging Current	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	2/18A		
GRID OUTPUT(AC)			
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	195~253VAC		
Nominal Output Current	35.6A		44.3A
AC INPUT			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC Input Current	48.2A		60A
Maximum Charging Current	140A		
GENERAL			
PHYSICAL			
Dimension ,H*W*D(mm)	530*390*130		
Cartoon Dimension ,H*W*D(mm)	618*463*205		
Net Weight (kgs)	14.2		14.7
Gross Weight(kgs)	15.7		16.2
INTERACE			
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY		
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non~condensing)		
Operating Temperature	-10°C~50°C		
STANDARD			
Compliance Safety	CE		