

VICTOR MAX SERIES



Features

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter running without battery
- One-click restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 160A(for 7.2KW/8.2KW)/180A(for 10.2KW)MPPT solar charger
- High PV input voltage range(90~500VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output
- Touch bottom



RGB LIGHT

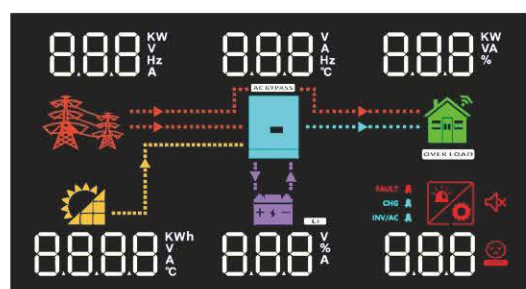
RGB lighting for different working mode

RGB automatically switches with the working mode of the inverter:

Battery mode: red;
Utility mode: blue;
PV mode: purple;



LCD Display



WIFI&GPRS available for ios and Android



MODEL	VICTOR MAX-7.2KW		VICTOR MAX-8.2KW	VICTOR MAX-10.2KW
Phase				
Maximum PV Input Power	8200W		8200W	10200W
Rated Output Power	7200W/7200VA		8200W/8200VA	10200W/10200VA
Maximum Solar Charging Current	160A		160A	180A
GRID-TIE OPERATION				
PV Input(DC)				
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC			
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC			
MPPT Voltage Range	90VDC~450VDC			
Number of MPPT Trackers/Maximum Input Current	1/27A			
GRID OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	195~253VAC			
Nominal Output Current	31.3A	35.6A	44.3A	
Power Factor	>0.99			
Feed-in Grid Frequency Range	49~51±1Hz			
EFFICIENCY				
Maximum Conversion Efficiency(DC/AC)	98%			
TWO LOAD OUTPUT POWER				
Full Load	7200W	8200W	10200W	
Maximum Main Load	7200W	8200W	10200W	
Maximum Second Load(battery mode)	2400W	2733W	3400W	
Main Load Cut Off Voltage	44VDC	44VDC	44VDC	
Main Load Return Voltage	48VDC	48VDC	48VDC	
OFF-GRID OPERATION				
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	40A	40A	50A	
Nominal operating frequency	50/60Hz			
Surge power	14400W	16400W	20400W	
PV INPUT(DC)				
Maximum DC Voltage	500VDC			
MPPT Voltage Range	90VDC~450VDC			
Number of MPPT Trackers/Maximum Input Current	1/27A			
BATTERY MODE OUTPUT(AC)				
Nominal Output Voltage	48VDC	48VDC	48VDC	
Output Waveform	Pure sine wave			
Efficiency(DC to AC)	94%			
BATTERY & CHARGER				
Nominal DC Voltage	48VDC	48VDC	48VDC	
Maximum Solar Charging Current	160A	160A	180A	
Maximum AC Charging Current	140A	140A	160A	