



LCD Display



Dual PV 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

MODEL	VICTOR MAX-7.2KW	VICTOR MAX-8.2KW	VICTOR MAX-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	
Maxium Load Cut Off Voltage	52VDC	52VDC	52VDC	
Maxium 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	

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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

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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*130	500*390*130	530*420*160	500*390*130	530*420*160
Carton Dimension,D X W XH(mm)	588*463*205		618*463*205	588*463*205	618*463*205
Net Weight (kgs)	13.6	14.5	14.6	14.8	15
Gross Weight(kgs)	14.9	16	16.1	16.2	16.5

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