



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 120A MPPT Solar charge:max 6200W(for 3.6KW), max 6500W (for 6.2KW)
- High PV input voltage range(60~500VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output
- Built Remove LCD Display and Key



MODEL	VICTOR NM-ECO PRO-3.6KW	VICTOR NM-ECO PRO-4.2KW	VICTOR NM-ECO PRO-6.2KW
Phase		1-phase	
Maximum PV Input Power	6200W	6200W	6500W
Rated Output Power	3600W	4200W	6200W
Maximum Solar Charging Current	120A	120A	120A
GRID-TIE OPERATION			
PV Input(DC)			
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC		
Start-up Voltage/Initial Feeding Voltage	60VDC/ 90VDC		
MPPT Voltage Range	60~450VDC		
Number of MPPT Trackers/Maximum Input Current	1/18A		1/22 A
GRID OUTPUT(AC)			
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	195.5~253VAC		
Nominal Output Current	15.7A	18.2A	27.0A
Power Factor	>0.99		
Feed-in Grid Frequency Range	49~51±1Hz		
EFFICIENCY			
Maximum Conversion Efficiency(Sloar to AC)	98 %		
TWO LOAD OUTPUT POWER(V2.0)			
Full Load	3600W	4200W	6200W
Maximum Main Load	3600W	4200W	6200W
Maximum Second Load(battery mode)	1200W	1400W	2067W
Main Load Cut Off Voltage	22VDC	22VDC	44VDC
Main Load Return Voltage	26VDC	26VDC	52VDC
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	30A	30A	40A
Nominal operating frequency	50/60Hz		
Surge power	7200W	8400W	12400W
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	24VDC	24VDC	48VDC
Maximum Charging Current (Solar to AC)	120A	120A	120A
Maximum AC Charging Current	100A		
GENERAL			
PHYSICAL			
Dimension,D x W x H(mm)	420*350*110		
Carton Dimension,D X W XH(mm)	500*415*215		
NetWeight(kgs)	9	9.5	10
Gross Weight(kgs)	10	10.3	11
INTERFACE			
Communication Port	RS232/WIFI/GPRS/LITHIUM BATTERY		