

PRODUCT SELLING POINTS

- ✓ 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)
- ✓ 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
- ✓ Dual communication ports for BMS and WIFI
- ✓ Touch button / On/off grid work mode



DUAL COMMUNICATION PORTS FOR BMS AND WIFI

VICTOR MAX SERIES

Dual PV input

Dual communication ports for BMS and WIFI

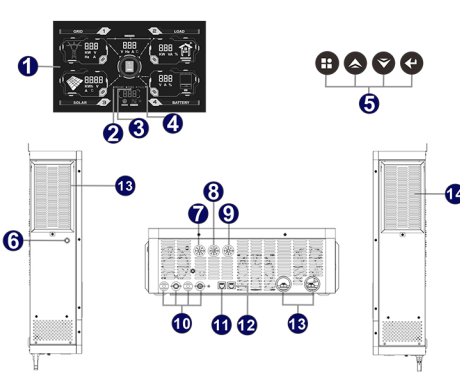


PRODUCT PARAMETERS



| 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 | | 190-253VDC |
| 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 | 52VDC |
| Maximum Load Return Voltage | 54VDC | 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 | | 49-51±1HZ |
| Maximum AC Input Current | 40A | 50A |
| 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 | | 190-253VDC |
| 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 170-180VAC |
| Maximum AC Input Current | 40A | 50A |
| Maximum AC Charging Current | | 140A |
| GENERAL | | |
| PHYSICAL | | |
| Dimension, D x W x H (mm) | 530*420*160 | 530*420*160 |
| Carton Dimension, D X W X H(mm) | 618*463*205 | 618*463*205 |
| Net Weight (kgs) | 14.6 | 15 |
| Gross Weight(kgs) | 16.1 | 16.5 |
| INTERFACE | | |
| 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 | |

PRODUCT DISPLAY



| | | | |
|----|-----------------------------------|----|---------------------|
| 1 | LCD display | 2 | Status indicator |
| 3 | Charging indicator | 4 | Fault indicator |
| 5 | Touch Function buttons | 6 | Power on/off switch |
| 7 | AC input | 8 | Main output |
| 9 | Second output | 10 | PV1 and PV2 input |
| 11 | WIFI communication/RS-232 port | | |
| 12 | Battery communication/RS-485 port | | |
| 13 | Battery input | 14 | Anti dust kit |

PRODUCT APPLICATION

