SUMRY NEXT Next Power

SUMRY

广东三瑞电源有限公司

GUANGDONG SUNRAY POWER CO.,LTD

- SOLAR INVERTER
- POWER INVERTER
- CAR INVERTER
- SOLAR CHARGER CONTROLLER
- LITHIUM BATTERY
- PORTABLE POWER STATION

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Building 4, Green Smart Manufacturing Industrial Park, No. 302 Huize Avenue, Dongjiang High tech Industrial Park, Zhongkai High tech Zone, Huizhou

Company Website

HuiZhou Industrial Park
Huizhou plant area(61000M^2)

20+ Industry Experience

1000+ employees and
100+R&D engineers

Products installed in more than
100 countries or regions worldwide

800+ Patents

COMPANY PROFILE

Guangdong Sunray Power Co., Ltd. is a national high-tech enterprise specializing in the research, design, production, sales, and service of photovoltaic and energy storage products. Its subsidiary brands include Shenzhen Sunray and Shenzhen Nextpower. Headquartered in Huizhou , the company's factory covers an area of 61,000 square meters. It has a 2000 square meter research and development center and sales center base in Shenzhen. With over 1,000 employees, its marketing and service network spans across more than 100 countries and regions worldwide.

Guangdong Sunray has a comprehensive research and quality assurance system, with main products including photovoltaic inverters, lithium batteries, uninterruptible power supplies, photovoltaic controllers, and photovoltaic energy storage inverters. These products are widely used in national defense, scientific research, communications, transportation, new energy, and other fields. The products have obtained CE,VDE, SGS safety certifications, ISO9001 quality management system certification, as well as multiple invention patents, appearance design patents, utility model patents, and computer software copyrights.

In the Low-Carbon Age, Guangdong Sunray will continue to innovate in photovoltaic and energy storage technologies, providing products and solutions to customers.

Core Industry Base

ShenZhen Guangming
R&D and sales center

QUALIFICATIONS

FACTORY

Marketing & Service Network

Guangdong SUNRAY sales team provides customers with professional and efficient pre-sale,in sale and after-sale services, and enhance the added value of the brand with high-quality services.

Project Case






Company History

Provide support and services to global inverter customers

2004-2005

In 2004,
Shenzhen Qingneng Electronics Co., Ltd. was established

In 2005, the company completed the team building and started product development

2007-2011

In 2007, it became a famous UPS supplier at home and abroad

In 2008,
Shenzhen Sunray Power Co.,Ltd.was established

In 2009, off grid inverter and grid connected inverter were launched

In 2010, solar inverter and parallel off grid integrated inverter were launched

In 2011,
TUV certification was obtained

2012-2016

In 2012, the company entered the self built plant and began to enter the photovoltaic inverter industry

In 2014, it obtained the EU CE certification and VDE certification

In 2015, Pakistan factory was responsible for the localization operation service of the company's products, and the company established its first overseas project

In 2015, the company established four foreign trade platforms of Ali international station

In 2017,it won the national high-tech enterprise certification and Shenzhen high-tech enterprise certification

2017-2019

2017,Shenzhen NextPower Technology Co.,Ltd was established.
Three people formed a R&D team.

In 2018,We obtained patent certificate of appearance Design for Energy storage solar inverters.
VICTOR XM series and VICTOR NM II series came out.

In 2018, the company's performance exceeded 100 million yuan for the first time, and the business market was divided into global regions

In 2019, obtained ISO9001 quality management system certification

In 2019, Island detection control software V1.0 for NEXTPOWER PV 500E on grid solar system.
PV 500V off grid MPPT charger controller software for solar inverters.
Solar inverter software V1.0 that can support mutiple monitoring methods such as WIFI/GPRS/RS232/USB.

2020-2021

In 2020,Certificate of high-tech enterprise
ISO9001 quality management system certification
Control software 1 .0 for 1-10KW off grid solar inverters
Victor NM Series 3.2KW off grid solar inverters came out
Employees up to 20 members.

In 2021,Patent certificate of appearance Design for off grid solar inverters
Software (Android version) V1.0for Fronus Solar
CE certification for Victor NM series， Victor NM-IV Plus series
Victor NM II PLUS series and Victor NM lll series, 3.5kW and 5.5KW off grid solar inverters.
Strategic Cooperation with Fronus, the 1st overseas project.
The1st production line was established Turnover 30 million USD

2022-2023

In 2022,Victor NM Series,1.5KW/1.6KW/2.4KW/3KW off grid solar inverters.
Victor NM-IV PLUS Series and Victor NM-PRO Series, 3.6KW,4.2KW and 6.2KW hybrid solar inverters.
CE for Victor NM MAX, Victor NML.
4 production lines.
150 employees.
Turnover 75 million USD.

In 2022 Sales performance reached 1 billion yuan

In 2023,Victor NML Series, 1.6KW,3.0KW off grid solar inverters
Victor ECO Series,3.6KW,6.2KW hybrid solar inverters
Victor MAX Series ,7.2KW/8.2KW/10.2KW hybrid solar inverters.
CE for Victor NM ECO.
Strategic cooperation with Fronus
6 production lines.
300 employees.
Estimated turnover 1 billion USD.

2024

In 2024 ,Shenzhen Sunray Power and Shenzhen Next Power Technology merged to form Guangdong Sunray

Quick View Guide

On/Off Grid Solar Inverter

VICTOR MAX SERIES

PAGE:17-18

VICTOR MAX PRO SERIES

PAGE:21-22

VICTOR MAX-BL SERIES

PAGE:19-20

VICTOR NM-ECO SERIES

PAGE:23-24

VICTOR NM-ECO-LV SERIES

PAGE:29-30

VICTOR NM-ECO PRO SERIES

PAGE:27-28

VICTOR ECO-BL SERIES

PAGE:25-26

VICTOR NM-PRO SERIES

PAGE:45-46

MPS-VX SERIES

PAGE:41-42

Off Grid Solar Inverter

EP 2400L

PAGE:13-14

EP 4000L

PAGE:11-12

EP 4200H

PAGE:15-16

SP SERIES

PAGE:37-38

RS SERIES

PAGE:39-40

VICTOR NM-II PLUS SERIES

PAGE:47-48

VICTOR LS SERIES

PAGE:31-32

VICTOR NML SERIES

PAGE:35-36

VICTOR NMS SERIES

PAGE:33-34

Power Inverter

TITAN SERIES

PAGE:51-52

MPPT Charger

XMC SERIES

PAGE:43-44

Car Inverter

SAK SERIES

PAGE:49-50

OFF GRID SOLAR INVERTER

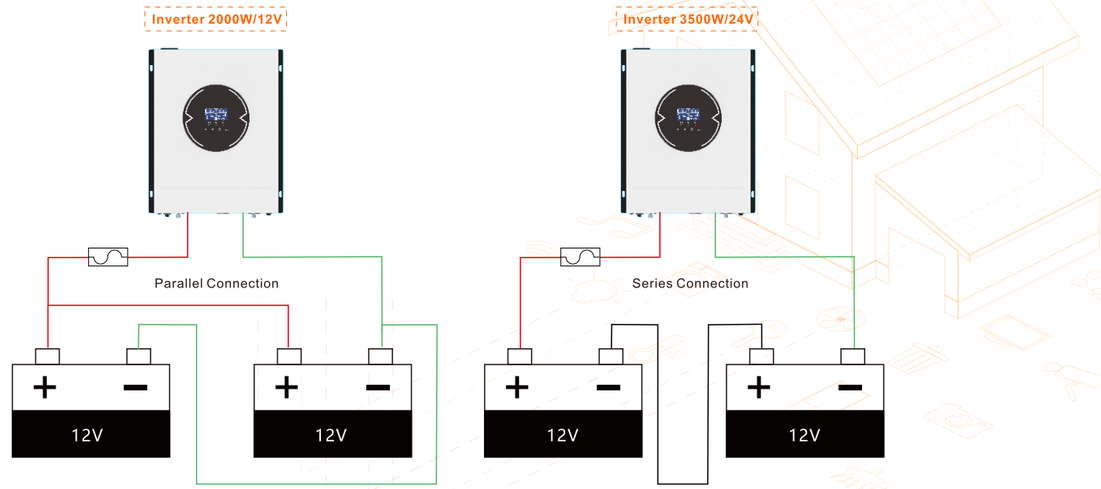
EP-4000L

Features

- Work at 2 different voltages :12VDC or 24VDC.It can meet different loads needs of users.
- Rated power is 2000W when work at 12VDC, rated power is 3500w when work at 24VDC
- Dual use on one inverter--World's first creation in 2025
- Pure sine wave output inverter
- According to the requirements of load (household appliances/personal computers), the input voltage range of utility grid can be selected
- According to the battery requirements, the charging current can be set through LCD
- Solar energy and utility grid can power loads at the same time
- AC input is compatible with mains and generator
- Automatic restart function when mains power is restored
- Overload/Over temperature/ short circuit protection
- The intelligent charging design of battery makes the battery more fully utilized
- RS485 port Used for communication with BMS
- Cold start function
- Built-in MPPT operating voltage range 15V~60V, open circuit voltage 60Voc
- WIFIremote monitoring Bluetooth near end sampling
- Leakage current protection function

This diagram is telling what “dual use on one inverter"is

EP4000H is working at 2 voltages and carrying different loads



Freely match 12VDC or 24VDC according to user needs(The maximum load is 2000W for 12V battery can carry, and the maximum load is 3500W for 24V battery can carry)

Product Data Sheet

MODEL	EP-4000L	
Battery Voltage	12V	24V
Rated output power	2000VA/2000W	3500VA/3500W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto Sensing)	
OUT PUT		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge Power	4000W	7000W
Efficiency (peak)Battery to INV	94%	
Transfer Time	10ms(For Personal Computers); 20ms(For Home Appliances)	
BATTERY&AC CHARGE		
Battery Voltage	12V	24V
Floating Charge Voltage	13.5V	27V
Overcharge Protection	16VDC / 31VDC	
Maximum Charge Current	100A	
SOLAR CHARGE		
Maximum PV Array Power	500W	
MPPT Range @ Operating Voltage	15~48VDC	
Maximum PV Array Open Circuit Voltage	60VDC	
Maximum Charge Current	20A	
PHYSICAL		
Dimension. H*W*D(mm)	340*275*85mm	
Net Weight(kgs)	6.2	
Communication interface	RS485 / WIFI	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-20°C ~ 50°C	
Storage Temperature	-20°C ~ 60°C	

OFF GRID SOLAR INVERTER

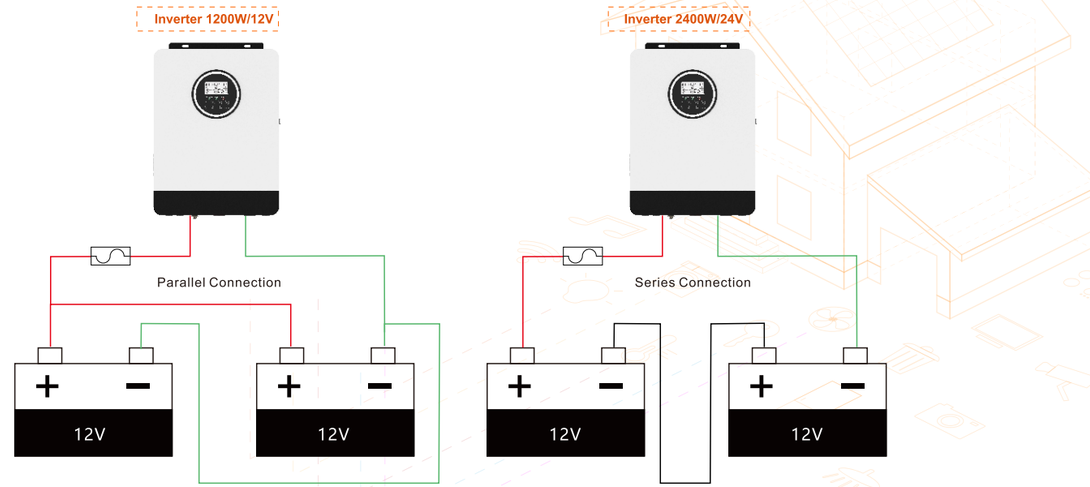
EP-2400L

Features

- Work at 2 different voltages : 12VDC or 24VDC. It can meet different loads needs of users
- Rated power is 1200W when work at 12VDC,ratedpower is 2400W when work at 24VDC
- Dual use on one inverter--World's first creation in 2025
- Pure sine wave output inverter
- According to the requirements of load (household appliances/personal computers), the input voltage range of utility grid can be selected
- According to the battery requirements, the charging current can be set through LCD
- Solar energy and utility grid can power loads at the same time
- AC input is compatible with mains and generator
- Automatic restart function when mains power is restored
- Overload/Over temperature/ short circuit protection
- The intelligent charging design of battery makes the battery more fully utilized
- RS485 port Used for communication with BMS
- Cold start function
- Built-in MPPT operating voltage range 20V~150V, open circuit voltage 500Voc
- WIFI remote monitoring Bluetooth near end sampling(optional)
- RGB lights (optional)

This diagram is telling what “dual use on one inverter"is

EP2400L is working at 2 voltages and carrying different loads



Freely match 12VDC or 24VDC according to user needs(The maximum load is 1200W for 12V battery can carry, and the maximum load is 2400W for 24V battery can carry)

Product Data Sheet

MODEL	EP-2400L	
Battery Voltage	12V	24V
Rated output power	1200VA/1200W	2400VA/2400W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto Sensing)	
OUT PUT		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge Power	2400W	4800W
Efficiency (peak)Battery to INV	92%	
Transfer Time	10ms(For Personal Computers); 20ms(For Home Appliances)	
BATTERY&AC CHARGE		
Battery Voltage	12V	24V
Floating Charge Voltage	13.5V	27V
Overcharge Protection	16VDC	32VDC
Maximum Charge Current	60A	
SOLAR CHARGE		
Maximum PV Array Power	600W	1200W
MPPT Range @ Operating Voltage	20~150VDC	30~150VDC
Maximum PV Array Open Circuit Voltage	150VDC	
Maximum Charge Current	40A	
PHYSICAL		
Dimension. H*W*D(mm)	360*275*84.7	
Net Weight(kgs)	5.0	
Communication interface	RS485/RS232 BMS/WIFI Bluetooth	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-20°C ~ 55°C	
Storage Temperature	-20°C ~ 60°C	

OFF GRID SOLAR INVERTER

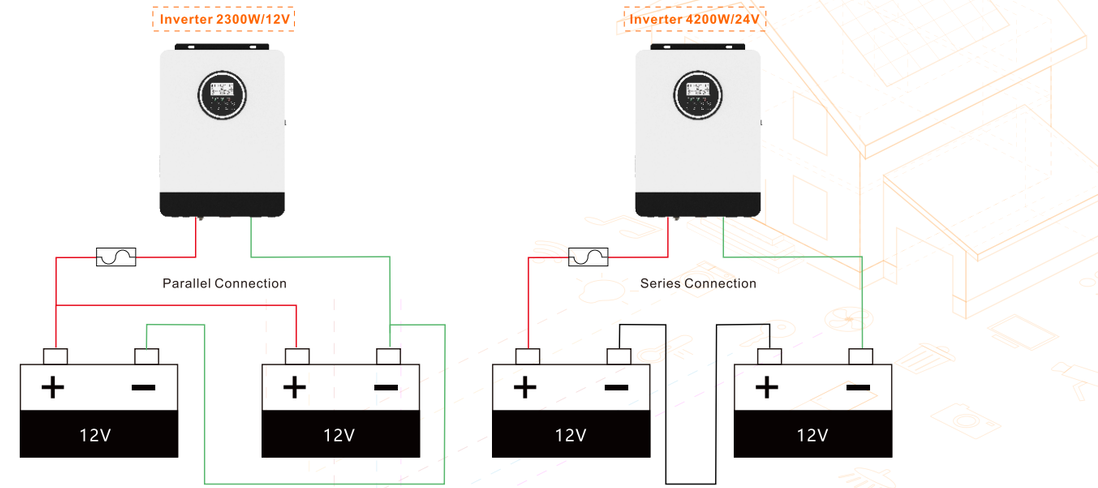
EP-4200H

Features

- Work at 2 different voltages : 12VDC or 24VDC. It can meet different loads needs of users
- Rated power is 2300W when work at 12VDC,ratedpower is 4200W when work at 24VDC
- Dual use on one inverter--World's first creation in 2025
- Pure sine wave output inverter
- According to the requirements of load (household appliances/personal computers), the input voltage range of utility grid can be selected
- According to the battery requirements, the charging current can be set through LCD
- Solar energy and utility grid can power loads at the same time
- AC input is compatible with mains and generator
- Automatic restart function when mains power is restored
- Overload/Over temperature/ short circuit protection
- The intelligent charging design of battery makes the battery more fully utilized
- RS485 port Used for communication with BMS
- Cold start function
- Built-in MPPT operating voltage range 55V~500V, open circuit voltage 500Voc
- WIFI remote monitoring Bluetooth near end sampling(optional)
- Built-in anti-dust kit for harsh environment
- RGB lights (optional)

This diagram is telling what “dual use on one inverter"is

EP4200H is working at 2 voltages and carrying different loads



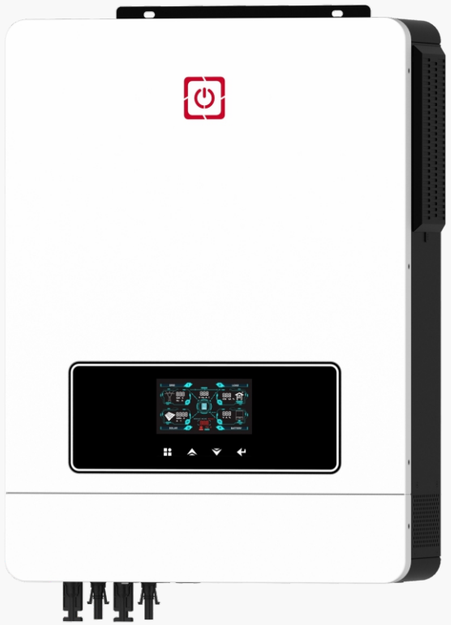
Freely match 12VDC or 24VDC according to user needs(The maximum load is 2300W for 12V battery can carry, and the maximum load is 4200W for 24V battery can carry)

Product Data Sheet

MODEL	EP-4200H	
Battery Voltage	12V	24V
Rated output power	2300VA/2300W	4200VA/4200W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto Sensing)	
OUT PUT		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge Power	4600W	8400W
Efficiency (peak)Battery to INV	94%	
Transfer Time	10ms(For Personal Computers); 20ms(For Home Appliances)	
BATTERY&AC CHARGE		
Battery Voltage	12V	24V
Floating Charge Voltage	13.5V	27V
Overcharge Protection	16VDC	32VDC
Maximum Charge Current	100A	
SOLAR CHARGE		
Maximum PV Array Power	4000W	
MPPT Range @ Operating Voltage	55~500VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charge Current	100A	
PHYSICAL		
Dimension. H*W*D(mm)	405*305*108	
Net Weight(kgs)	6.7	
Communication interface	RS485/RS232 BMS/WIFI Bluetooth	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-20°C ~ 55°C	
Storage Temperature	-20°C ~ 60°C	

ON/OFF GRID SOLAR INVERTER

VICTOR MAX SERIES



INVERTER MODE

PV MODE

UTILITY MODE

RGB LIGHTS | 160A MAX PV CHARGING | DUAL SMART & MAIN LOAD | UPGRADED MPPT | WORKS WITH AND WITHOUT BATTERY | APP | WIFI&GPRS | Dual PV | Dual communication | DUSTPROOF | 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)
- 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
Second Load Range	1640W~5740W	2040W~7140W
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	50±1Hz/60±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)	500*390*136	
Cartoon Dimension ,H*W*D(mm)	588*463*205	
Net Weight (kgs)	14.5	14.7
Gross Weight(kgs)	16.1	16.2
INTERACE		
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10℃~50℃	
STANDARD		
Compliance Safety	CE	

ON/OFF GRID SOLAR INVERTER

VICTOR MAX-BL SERIES

R INVERTER MODE

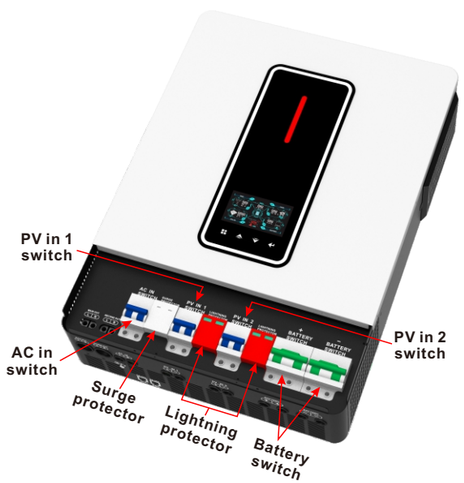
G PV MODE

B UTILITY MODE

RGB LIGHTS | 160A MAX PV CHARGING | DUAL SMART & MAIN LOAD | UPGRADED MPPT | WORKS WITH AND WITHOUT BATTERY | APP | WIFI&GPRS | Dual PV | Dual communication | DUSTPROOF | 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(for8.2kw,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(the second load output power can be set from 20% to 70%)
- Dual PV input
- Touch button
- On Off grid work mode

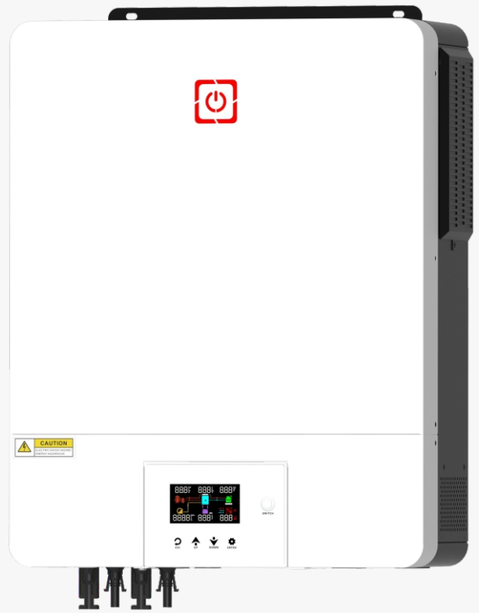


Product Data Sheet

MODEL	VICTOR MAX-BL-8.2KW	VICTOR MAX-BL-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)	power can be set from 20% to 70%	
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	49~51±1Hz / 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)	580*420*135	
Cartoon Dimension ,H*W*D(mm)	650*490*236	
Net Weight (kgs)	20.2	20.7
Gross Weight(kgs)	21.7	23.2
INTERACE		
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10℃~50℃	
STANDARD		
Compliance Safety	CE	

ON/OFF GRID SOLAR INVERTER

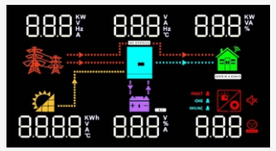
VICTOR MAX PRO SERIES



Ⓡ INVERTER MODE

Ⓖ PV MODE

Ⓑ UTILITY MODE



RGB LIGHTS | 160A MAX PV CHARGING | DUAL SMART & MAIN LOAD | UPGRADED MPPT | WORKS WITH AND WITHOUT BATTERY | APP | WIFI&GPRS | Removable display | DUSTPROOF | 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)
- 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
- Built Remove LCD Display and Key

Product Data Sheet

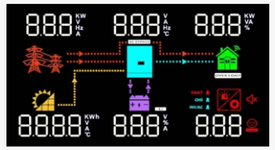
MODEL	VICTOR MAX PRO-8.2KW	VICTOR MAX PRO-10.2KW
Phase	1-phase	
Maximum PV Input Power	5400W+5400W	
Rated Output Power	8200W/8200VA	10200W/10200VA
Maximum Solar Charging Current	160A	
GRID-TIE OPERATION		
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
Start-up Voltage/Initial Feeding 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	50±1Hz/60±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*170	
Cartoon Dimension ,H*W*D(mm)	618*463*242	
Net Weight (kgs)	15.8	16.2
Gross Weight(kgs)	16.4	16.8
INTERACE		
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10℃~50℃	
STANDARD		
Compliance Safety	CE	

ON/OFF GRID SOLAR INVERTER VICTOR NM-ECO SERIES

R INVERTER MODE

G PV MODE

B UTILITY MODE



120A MAX PV CHARGING | PURE SINE WAVE | WORKS WITH AND WITHOUT BATTERY | UPGRADED MPPT | LI-ION | BUILT IN ANTI DUST KIT | APP | WIFI&GPRS | LCD Display | RGB LIGHTS | Dual communication | DUSTPROOF

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
- Dual communication ports for Battery communication
- and Wifi communication
- Built-in 120A MPPT Solar charge: max 6200W(for 3.6KW/
- 4.2KW),max6500w(for 6.2KW)
- Built-in 80A MPPT Solar charge max6500W(for 3.6KW/48V)
- 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

Product Data Sheet

MODEL	VICTOR NM-ECO-3.6KW PLUS		VICTOR NM-ECO-4.2KW PLUS	VICTOR NM-ECO-6.2KW PLUS
Phase	1-phase			
Maximum PV Input Power	6200W	6500W	6200W	6500W
Rated Output Power	3600W/3600VA		4200W/4200VA	6200W/6200VA
Maximum Solar Charging Current	120A	80A	120A	
GRID-TIE OPERATION				
PV INPUT(DC)				
Nominal DC Voltage/Maximum DC Voltage	360/500VDC			
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC			
MPPT Voltage Range	60~450VDC			
Maximum Input Current	1/18A	1/22A	1/18A	1/22A
GRID OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	195~253VAC			
Nominal Output Current	15.7A		18.2A	27.0A
Power Factor	>0.99			
EFFICIENCY				
Maximum Conversion Efficiency(DC / AC)	98%			
TWO LOAD OUTPUT POWER				
Full Load	3600W		4200W	6200W
Maximum Main Load	3600W		4200W	6200W
Second Load Range	720W~2520W		840W~2940W	1240W~4340W
Maximum Load Cut Off Voltage	26VDC	52VDC	26VDC	52VDC
Maximum Load Return Voltage	27VDC	54VDC	27VDC	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	50±1Hz/60±1Hz			
Maximum AC input Current	21.1A		24.7A	36.4A
PV INPUT(DC)				
Nominal DC Voltage/Maximum DC Voltage	360/500VDC			
MPPT Voltage Range	60~450VDC			
Maximum Input Current	1/18A	1/22A	1/18A	1/22A
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	24VDC	48VDC	24VDC	48VDC
Maximum Solar Charging Current	120A	80A	120A	120A
Maximum AC Charging Current	100A	60A	100A	100A
Maximum Sotar+AC Charging Current	120A	80A	120A	120A
HYBRID OPERATION				
PV INPUT(DC)				
Nominal DC Voltage/Maximum DC Voltage	360/500VDC			
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC			
MPPT Voltage Range	60~450VDC			
Maximum Input Current	1/18A	1/22A	1/18A	1/22A
GRID OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	195~253VAC			
Nominal Output Current	15.7A		18.2A	27.0A
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	21.1A		24.7A	36.4A
Maximum Charging Current	100A			
GENERAL				
PHYSICAL				
Dimension ,H*W*D(mm)	420*350*110			
Cartoon Dimension ,H*W*D(mm)	500*415*180			
Net Weight (kgs)	8.0		8.0	8.9
Gross Weight(kgs)	9.0		9.0	10.0
INTERACE				
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY			
ENVIRONMENT				
Humidity	5% to 95% Relative Humidity(Non~condensing)			
Operating Temperature	-10℃~50℃			
STANDARD				
Compliance Safety	CE			

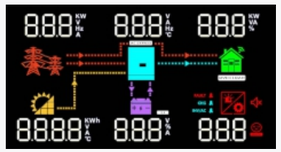
ON/OFF GRID SOLAR INVERTER

VICTOR NM-ECO-BL SERIES

Ⓡ INVERTER MODE

Ⓖ PV MODE

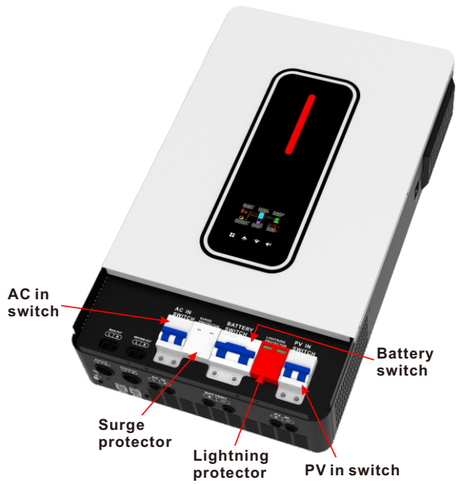
Ⓑ UTILITY MODE



120A MAX PV CHARGING | PURE SINE WAVE | WORKS WITH AND WITHOUT BATTERY | UPGRADED MPPT | LI-ION | BUILT IN ANTI DUST KIT | APP | WIFI&GPRS | LCD Display | RGB LIGHTS | Dual communication | DUSTPROOF

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
- Dual communication ports for Battery communication and Wifi communication
- Built-in120A MPPT Solar charge :max 6200W (for4.2KW),max6500W(for6.2KW)
- 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 (the second load output power can be set from 20% to 70%)

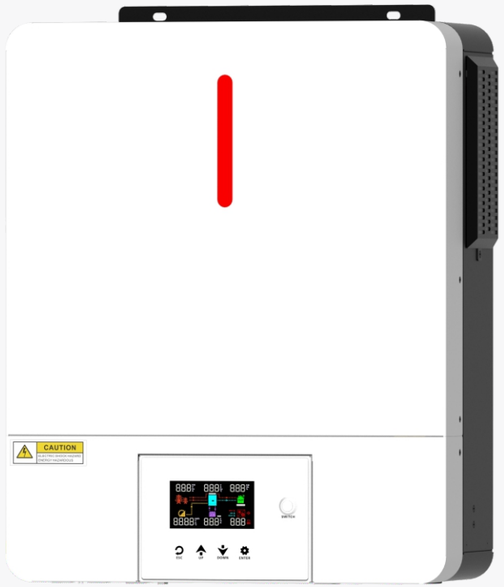


Product Data Sheet

MODEL	VICTOR NM-ECO-BL-4.2KW PLUS	VICTOR NM-ECO-BL-6.2KW PLUS
Phase	1-phase	
Maximum PV Input Power	6200W	6500W
Rated Output Power	4200W/4200VA	6200W/6200VA
Maximum Solar Charging Current	120A	
GRID-TIE OPERATION		
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC	
MPPT Voltage Range	60~450VDC	
Maximum Input Current	1/18A	1/22A
GRID OUTPUT(AC)		
Nominal Output Voltage	220/230/240VAC	
Output Voltage Range	195~253VAC	
Nominal Output Current	18.2A	27.0A
Power Factor	>0.99	
EFFICIENCY		
Maximum Conversion Efficiency(DC / AC)	98%	
TWO LOAD OUTPUT POWER		
Full Load	4200W	6200W
Maximum Main Load	4200W	6200W
Maximum Second Load(battery mode)	power can be set from 20% to 70%	
Maximum Load Cut Off Voltage	26VDC	52VDC
Maximum Load Return Voltage	27VDC	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 / 59~61±1HZ	
Maximum AC input Current	24.7A	36.4A
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
MPPT Voltage Range	60~450VDC	
Maximum Input Current	1/18A	1/22A
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	24VDC	48VDC
Maximum Solar Charging Current	120A	120A
Maximum AC Charging Current	100A	100A
Maximum Sotar+AC Charging Current	120A	120A
HYBRID OPERATION		
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC	
MPPT Voltage Range	60~450VDC	
Maximum Input Current	1/18A	1/22A
GRID OUTPUT(AC)		
Nominal Output Voltage	220/230/240VAC	
Output Voltage Range	195~253VAC	
Nominal Output Current	18.2A	27.0A
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	24.7A	36.4A
Maximum Charging Current	100A	
GENERAL		
PHYSICAL		
Dimension ,H*W*D(mm)	602*358*113	
Cartoon Dimension ,H*W*D(mm)	665*415*215	
Net Weight (kgs)	12.9	13.3
Gross Weight(kgs)	14.5	14.9
INTERACE		
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10℃~50℃	
STANDARD		
Compliance Safety	CE	

ON/OFF GRID SOLAR INVERTER

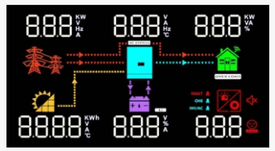
VICTOR NM-ECO PRO SERIES



INVERTER MODE

PV MODE

UTILITY MODE



120A MAX PV CHARGING

PURE SINE WAVE

WORKS WITH AND WITHOUT BATTERY

UPGRADED MPPT

LI-ION

BUILT IN ANTI DUST KIT

APP

WIFI&GPRS

RGB LIGHTS

Removable display

DUSTPROOF

Dual communication

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
- Dual communication ports for Battery communication and Wifi communication
- Built Remove LCD Display and Key
- Built-in 120A MPPT Solar charge: max 6200W(for 3.6KW/4.2KW),max6500W(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

Product Data Sheet

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/3600VA	4200W/4200VA	6200W/6200VA
Maximum Solar Charging Current	120A		
GRID-TIE OPERATION			
PV INPUT (DC)			
Nominal DC Voltage/Maximum DC Voltage	360/500VDC		
Start-up Voltage / Initial Feeding Voltage	60VDC/90VDC		
MPPT Voltage Range	60~450VDC		
Maximum Input Current	1/18A		1/22A
EFFICIENCY			
Maximum Conversion Efficiency (DC/AC)	98%		
TWO LOAD OUTPUT POWER			
Full Load	3600W	4200W	6200W
Maxium Main Load	3600W	4200W	6200W
Maxium Second Load(battery mode)	1200W	1400W	2067W
Maxium Load Cut Off Voltage	26VDC	26VDC	52VDC
Maxium Load Return Voltage	27VDC	27VDC	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	50±1Hz/60±1Hz		
Maximum AC Input Current	21.1A	24.7A	36.4A
PV INPUT (DC)			
Nominal DC Voltage/Maximum DC Voltage	360/500VDC		
MPPT Voltage Range	60~450VDC		
Maximum Input Current	1/18A		1/22A
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		48VDC
Maximum Solar Charging Current	120A		
Maximum AC Charging Current	100A		
Maximum Solar+AC Charging Current	120A		
HYBRID OPERATION			
PV INPUT (DC)			
Nominal DC Voltage/Maximum DC Voltage	360/500VDC		
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC		
MPPT Voltage Range	60~450VDC		
Maximum Input Current	1/18A		1/22A
GRID OUTPUT (AC)			
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	195~253VAC		
Nominal Output Current	15.7A	18.2A	27.0A
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	21.1A	24.7A	36.4A
Maximum AC Charging Current	100A		
GENERAL			
PHYSICAL			
Dimension ,H*W*D(mm)	442*358*155		
Cartoon Dimension ,H*W*D(mm)	500*415*215		
Net Weight (kgs)	8.8	9.3	9.8
Gross Weight(kgs)	10.0	10.5	11.0
INTERACE			
Communication Port	RS232/RS485/REMOVE LCD/WIFI/GPRS/LITHIUM BATTERY		
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non~condensing)		
Operating Temperature	-10℃~50℃		
STANDARD			
Compliance Safety	CE		

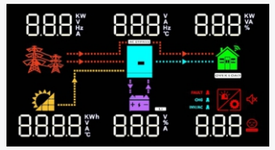
ON/OFF GRID SOLAR INVERTER

VICTOR NM-ECO-LV SERIES

INVERTER MODE

PV MODE

UTILITY MODE



120A MAX PV CHARGING | PURE SINE WAVE | WORKS WITH AND WITHOUT BATTERY | UPGRADED MPPT | LI-ION | BUILT IN ANTI DUST KIT | APP | WIFI&GPRS | LCD Display | RGB LIGHTS | 120V AC OUT | DUSTPROOF

Features

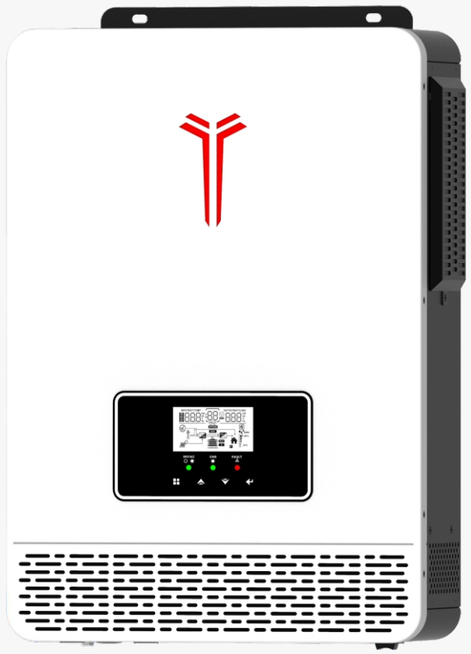
- Pure sine wave solar inverter(On/Off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter can run without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- AC output voltage 120VAC
- Built-in 120A MPPT Solar charge: max 4200W (for 3.6kW);max6000W(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

Product Data Sheet

MODEL	VICTOR NM-ECO-LV-3.6KW PLUS	VICTOR NM-ECO-LV-6.2KWPLUS
Phase	1-phase	
Maximum PV Input Power	4200W	6000W
Rated Output Power	3600W/3600VA(3000/3150/3300)	6200W/6200VA(5300/5500/5700)
Maximum Solar Charging Current	120A	
GRID-TIE OPERATION		
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC	
MPPT Voltage Range	60~450VDC	
Maximum Input Current	1/18A	1/22A
GRID OUTPUT(AC)		
Nominal Output Voltage	120VAC(100/105/115Vsettable)	
Output Voltage Range	90-150VAC	
Nominal Output Current	30A	51.7A
Power Factor	>0.99	
EFFICIENCY		
Maximum Conversion Efficiency(DC / AC)	98%	
TWO LOAD OUTPUT POWER		
Full Load	3600W	6200W
Maximum Main Load	3600W	6200W
Maximum Second Load(battery mode)	1200W	2067W
Maximum Load Cut Off Voltage	26VDC	52VDC
Maximum Load Return Voltage	27VDC	54VDC
OFF-GRID OPERATION		
AC INPUT		
AC Start-up Voltage/Auto Restart Voltage	110VAC/120VAC	
Acceptable Input Voltage Range	90~150VAC±2%	
Frequency Range	50±1Hz/60±1Hz	
Maximum AC input Current	40A	80A
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
MPPT Voltage Range	60~450VDC	
Maximum Input Current	1/18A	1/22A
BATTERY MODE OUTPUT(AC)		
Nominal Output Voltage	120VAC(100/105/115Vsettable)	
Output Wave Form	Pure sine wave	
Efficiency (DC to AC)	94%	
BATTERY&CHARGER		
Nominal DC Voltage	24VDC	48VDC
Maximum Solar Charging Current	120A	120A
Maximum AC Charging Current	100A	100A
Maximum Sotar+AC Charging Current	120A	120A
HYBRID OPERATION		
PV INPUT(DC)		
Nominal DC Voltage/Maximum DC Voltage	360/500VDC	
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC	
MPPT Voltage Range	60~450VDC	
Maximum Input Current	1/18A	1/22A
GRID OUTPUT(AC)		
Nominal Output Voltage	120VAC(100/105/115V settable)	
Output Voltage Range	90-150VAC	
Nominal Output Current	30A	51.6A
AC INPUT		
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/100VAC	
Acceptable Input Voltage Range	90-150VAC	
Maximum AC Input Current	40A	80A
Maximum Charging Current	120A	
GENERAL		
PHYSICAL		
Dimension ,H*W*D(mm)	420*350*110	
Cartoon Dimension ,H*W*D(mm)	500*415*180	
Net Weight (kgs)	8.8	9.5
Gross Weight(kgs)	10	11.5
INTERACE		
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10℃~50℃	
STANDARD		
Compliance Safety	CE	

OFF GRID SOLAR INVERTER

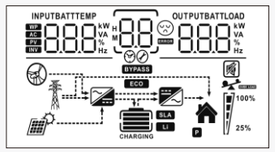
VICTOR LS SERIES



R INVERTER MODE

G PV MODE

B UTILITY MODE



Features

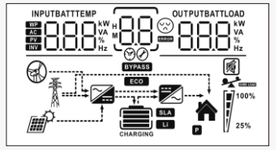
- Pure sine wave solar inverter
- WIFI&GPRS available for IOS and Android
- Built-in 60A MPPT solar charger
- PV input voltage range 20-150VDC(for 2000W),30~150VDC(for 3200W)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet rich customized demands
- Solar energy is provided directly to the load first
- Regular charging of municipal electricity
- Output mode diversity to make better use of solar energy
- Statistical Power Generation
- Built-in Clock Function
- Controllable Discharge Current
- Industry's First 12V with 2000w capacity

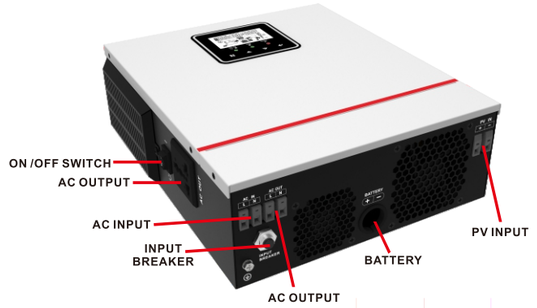
Product Data Sheet

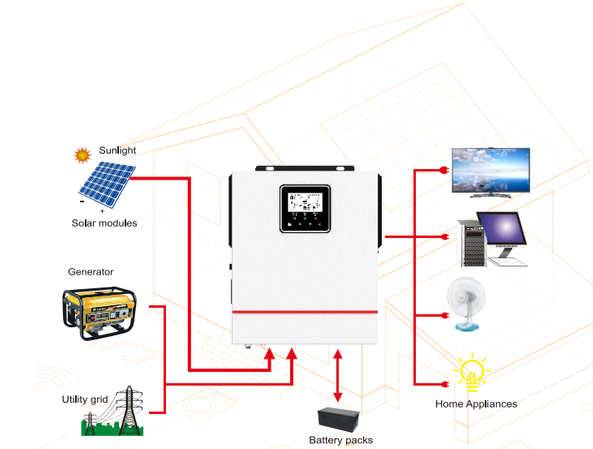
MODEL	VICTOR LS-2000-12	VICTOR LS-3200-24
Rated Power	2000W/2000VA	3200W/3200VA
AC INPUT		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC± 5%	
Surge Power	2000VA	3200VA
Efficiency(Peak) PV to INV	98%	
Efficiency(Peak) Battery to INV	92%	
Transfer Time	10ms	
BATTERY		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	32VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	900W	1800W
MPPT Range @ Operating Voltage	20~150VDC	30~150VDC
Maximum PV Array Open Circuit Voltage Solar	150VDC	
Maximum Solar Charging Current	60A	
Maximum AC Charging Current	80A	
Maximum Solar+AC Charging Current	140A	
PHYSICAL		
Dimension. H*W*D(mm)	416*291*112	
Cartoon Dimension ,H*W*D(mm)	490*370*190	
Net Weight(kgs)	6.6	7.0
Gross Weight(kgs)	7.5	7.9
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	−10°C to 50°C	
STANDARD		
Compliance Safety	CE	

OFF GRID SOLAR INVERTER

VICTOR NMS SERIES







Max.Effciency 98% | IP21 Ingress Protection | 40A MPPT | Receptacle | DUSTPROOF | LCD Display

Features

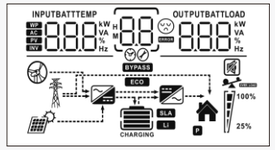
- Pure sine wave solar inverter
- Built-in 40A MPPT solar charger
- PV input voltage range 20-150VDC (for 1000W),30~150VDC(for 1500W)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet rich customized demands
- Solar energy is provided directly to the load first

Product Data Sheet

MODEL	VICTOR NMS-1000-12	VICTOR NMS-1500-24
Rated Power	1000W/1000VA	1500W/1500VA
AC INPUT		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC ± 5%	
Surge Power	2000VA	3000VA
Efficiency(Peak) PV to INV	98%	
Efficiency(Peak) Battery to INV	94%	
Transfer Time	10ms	
BATTERY		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	32VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	600W	1200W
MPPT Range @ Operating Voltage	20~150VDC	30~150VDC
Maximum PV Array Open Circuit Voltage Solar	150VDC	
Maximum Solar Charging Current	40A	
Maximum AC Charging Current	40A	
Maximum Solar+AC Charging Current	80A	
PHYSICAL		
Dimension. H*W*D(mm)	290*240*91	
Cartoon Dimension ,H*W*D(mm)	340*295*145	
Net Weight(kgs)	3.5	3.6
Gross Weight(kgs)	4.0	4.2
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10°C to 50°C	
STANDARD		
Compliance Safety	CE	

OFF GRID SOLAR INVERTER

VICTOR NML SERIES



Max.Effciency 98%

80A MPPT

IP21 Ingress Protection

APP

DUSTPROOF

RS232/GPRS WIFI

Features

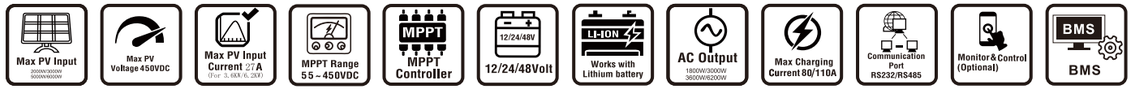
- Pure sine wave solar inverter
- WIFI&GPRS available for IOS and Android
- Built-in 80A MPPT solar charger
- High PV input voltage range(30~400VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet rich customized demands
- Compatible with lithium battery
- Solar energy is provided directly to the load first

Product Data Sheet

MODEL	VICTOR NML-2000-12	VICTOR NML-3200-24
Rated Power	2000VA/1600W	3200VA/3000W
AC INPUT		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC± 5%	
Surge Power	4000VA	6400VA
Efficiency(Peak) PV to INV	98%	
Efficiency(Peak) Battery to INV	94%	
Transfer Time	10 ms(For Personal Computers); 20 ms (For Home Appliances)	
BATTERY		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	2000W	3000W
MPPT Range @ Operating Voltage	30~400VDC	
Maximum PV Array Open Circuit Voltage Solar	400VDC	
Max Input Current	1/13A	
Maximum Solar Charging Current	80A	
Maximum AC Charging Current	60A	
Maximum Solar+AC Charging Current	80A	
PHYSICAL		
Dimension. H*W*D(mm)	357*273*95	
Cartoon Dimension ,H*W*D(mm)	435*335*165	
Net Weight(kgs)	4.6	4.8
Gross Weight(kgs)	5.6	5.8
Communication Interface	RS232/GPRS/WIFI	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10℃ to 50℃	
STANDARD		
Compliance Safety	CE	

OFF GRID SOLAR INVERTER

SP SERIES

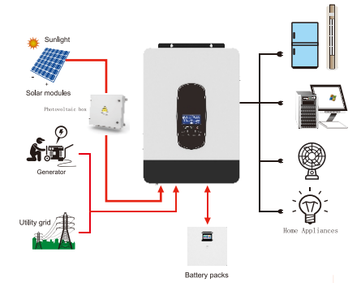


Features

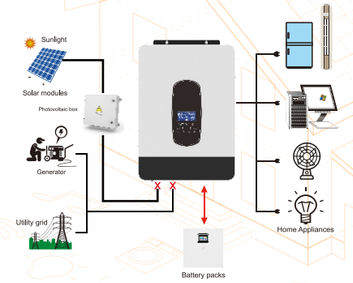
- Pure sine wave inverter
- Programmable supply priority for PV, battery or Grid
- High PV input voltage range(55~450VDC)
- Built-in Max110A(3.8KW&6.2KW)MPPT solar charger
- Compatible with lithium-ion battery
- Support BMS communication with Lithium battery
- Smart battery charge design to optimize battery life
- Overload, high temperature, inverter output short circuit protection
- Cold start function
- Intelligent fan speed adjustment
- Built-in anti-dust kit for harsh environment(optional)
- WIFI&GPRS available for IOS and android

Solar System Connection

■ Operation with battery connected
Solar Power and AC Power available



Solar Power and AC Power not available



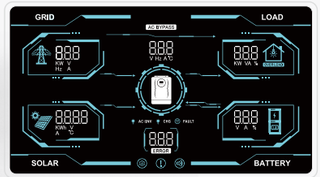
Product Data Sheet

MODEL	SP-2200	SP-3200	SP-4200	SP-4200	SP-7000
Rated Power	2200VA/1800W	3200VA/3000W	4200VA/3800W	4200VA/3800W	7000VA/6200W
INPUT					
Voltage	230VAC				
Selectable Voltage Range	170~280VAC(For Personal Computers)				
	90~280VAC(For Home Appliances)				
Frequency Range	50 Hz/60Hz(Auto sensing)				
OUTPUT					
AC Voltage Regulation(Batt.Mode)	230VAC± 5%				
Surge Power	400VA	6400VA	8400VA	8400VA	14000VA
Transfer Time	10ms(for personal computers) ; 20ms(for home appliances)				
Waveform	Pure Sine Wave				
BATTERY & AC CHARGER					
Battery Voltage	12VDC	24VDC	24VDC	48VDC	48VDC
Floating Charge Voltage	13.5VDC	27VDC	27VDC	54VDC	54VDC
Overcharge Protection	15.5VDC	31VDC	31VDC	61VDC	61VDC
Maximum Charge Current	60A		80A	60A	80A
SOLAR CHARGER					
Max. PV Array Power	2000W	3000W	6000W		
MPPT Range @ Operating Voltage	55~450VDC				
Maximum PV Array Open Circuit Voltage	450VDC				
Maximum Charging Current	80A		110A	80A	110A
Maximum Efficiency	98%				
PHYSICAL					
Dimension. H*W*D(mm)	405*286*98		423*290*101		423*290*106
Net Weight(kgs)	5	5.5	6.8	6.9	8
Communication Interface	Two communication One RS485 port for BMS ports；AnotherRS485/RS232 forremote monitoring				
OPERATING ENVIRONMENT					
Humidity	5% to 95% Relative Humidity(Non~condensing)				
Operating Temperature	-10°C to 55°C				
Storage Temperature	-15°C to 60°C				

OFF GRID SOLAR INVERTER

RS SERIES

WIFI(optional)



Features

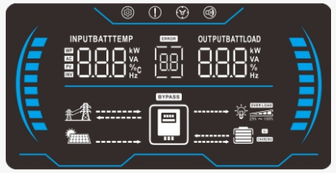
- Pure sine Wave solar inverter
- Big LCD Screen with richer content
- Two communication Ports for BMS and WiFi
- Dual AC output available for 4.2KVAand 7KVA
- RGB Lighting for different working model
- Inverter running with or without battery
- Built-in Lithium Battery automatic activation
- Lithium battery intelligent charge control system : adjust the inverter charging current according to the battery information
- Internal clock function for showing PV power generation and setting
- AC charging time and running loads time by user
- Offline software upgrade function for adding new functions and fixing software errors
- Wide PV input voltage range 55-450VDC
- Built in 80Aand 110AMPPT solar charger
- WIFI available for IOS and Android

Product Data Sheet

MODEL	RS-2200	RS-3200	RS-4200	RS-4200	RS-7000
Rated Power	2200VA/1800W	3200VA/3000W	4200VA/3800W	4200VA/3800W	7000VA/6200W
INPUT					
Voltage	230VAC				
Selectable Voltage Range	170~280VAC(For Personal Computers)				
	90~280VAC(For Home Appliances)				
Frequency Range	50 Hz/60Hz(Auto sensing)				
OUTPUT					
AC Voltage Regulation(Batt.Mode)	230VAC±5%				
Surge Power	4400VA	6400VA	8400VA	8400VA	14000VA
Transfer Time	10ms(for personal computers) ; 20ms(for home appliances)				
Wave form	Pure Sine Wave				
TWO LOAD OUTPUT POWER					
Full Load	1800W	3000W	3800W	3800W	6200W
Maximum Main Load	–	–	3800W	3800W	6200W
Maximum EPS Load(Battery mode)	–	–	1200W	1200W	2000W
Main Load Cut Off Voltage	–	–	22V	44V	44V
Main Load Return Voltage	–	–	27V	54V	54V
BATTERY & AC CHARGER					
Battery Voltage	12VDC	24VDC	24VDC	48VDC	48VDC
Floating Charge Voltage	13.5VDC	27VDC	27VDC	54VDC	54VDC
Over Charge Protection	15.5VDC	31VDC	31VDC	61VDC	61VDC
Maximum Charge Current	60A		80A	60A	80A
SOLAR CHARGER					
MAX. PV Array Power	2000VA	3000VA	6000VA		
MPPT Range@ Operating Voltage	55-450VDC				
Maximum PV Array Open Circuit Voltage	450VDC				
Maximum Charging Current	80A		110A	80A	110A
Maximum Efficiency	98%				
PHYSICAL					
Dimension ,H*W*D(mm)	405*286*98		423*300*120	423*300*120	
Net Weight (kgs)	5	5.5	6.8	6.9	8
Communication Interface	Two communication One RS485 port for BMS ports; Another RS485/RS232 for remote monitoring				
OPERATING ENVIRONMENT					
Humidity	5% to 95% Relative Humidity(Non~condensing)				
Operating Temperature	-10℃ to 55℃				
Storage Temperature	-15℃ to 60℃				

ON/OFF GRID SOLAR INVERTER MPS-VX SERIES

LCD remote control(optional)

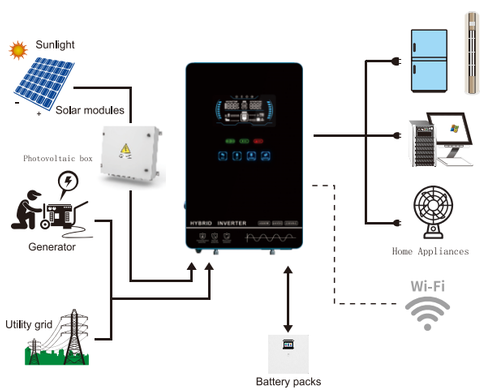


Silent Fan | 6.25Inch LCD Display | Touchable Button | Tempered glass upper cover | WIFI (optional) | Pure sine wave | SBU Mode | Can adjust ac voltage | Works With and Without battery | 150A MPPT SCC

Features

- On/Off Grid Solar Inverter
- Working without batteries in sunny day
- Under Battery Mode can adjust ac voltage to 110vac or 220vac
- SBU Mode : Utility Power ,battery and PV Power complement each other
- Pure sine wave solar inverter
- Unique glass top cover design with 6.25inch LCD display and touchable buttons
- Built-in 150A MPPT (Max PV 8000W) solar charger
- High PV input range from 55V-450Vdc
- Smart battery charger design for optimized battery performance
- Configurable AC/Battery input priority via LCD setting
- Auto restart while PV is recovering
- Over-load , over temperature and output short circuit protection
- Cold restart function
- Built-in lithium battery automatic activation
- Communication with RS232/RS485
- WiFi monitoring function (optional)
- Anti-dust kit for harsh environment(optional)
- Restore default Settings with one click

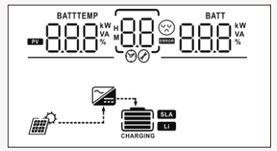
Solar System Connection

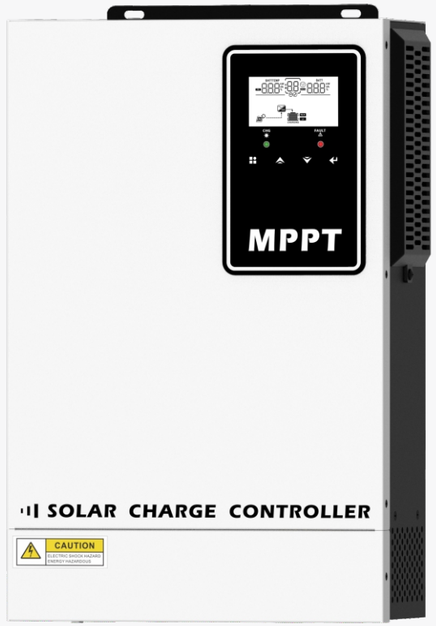


Product Data Sheet

MODEL		MPS-VX 4.5KW	MPS-VX 6.5KW
Rated Power		4500W	6500W
INPUT			
Voltage		230VAC	
Selectable Voltage Range		175-265VAC(for personal computers); 90-265VAC(for home appliances	
Frequency Range		50Hz/60Hz(Auto sensing)	
OUTPUT			
AC Voltage Regulation(Batt.Mode)		230VAC±5%	
Surge power		2*rated power for 5 seconds	
Efficiency (Peak)PV to INV		97%	
Efficiency(Peak) BAT to INV		94%	
TransferTime		10ms(for personal computers); 20ms(for home appliances)	
Wave form		Pure Sine Wave	
BATTERY&AC CHARGER			
Battery Voltage		24VDC	48VDC
Bulk Charging Voltage	Flooded Battery	29.2VDC	58.4VDC
	AGM/GEL Battery	28.2VDC	56.4VDC
Floating Charge Voltage		27.6VDC	54VDC
Overcharge Protection		32VDC	63VDC
Maximum charge current		140A	110A
SOLAR CHARGER			
MAX. PV Array Power		7200W	
MPPT Range@ OperatingVoltage		55-450VDC	
Maximum PV Array Open Circuit Voltage		450VDC	
Maximum Charging Current		150A	130A
Maximum Efficiency		99%	
GRID-TIE OPERATION			
PV INPUT(DC)		55-450VDC	
Nominal DC Voltage/Maximum DC Volatge		360VDC/450VDC	
Start-up Voltage/initial Feeding Voltage		55VDC	
MPPT Voltage Range		55VDC-360VDC	
Number of MPPT Trackers/Maximum Input Current		1/20A	
GRID OUTPUT(AC)			
Nominal Output Voltage		230VAC	
Output Voltage Range		176V-264V	
Nominal Output Current		19.5A	28.2A
Power Factor		>0.99	
Feed-in Grid Frequency Range		49~51±1Hz	
EFFICIENCY			
Maximum Conversion Efficiency (DC/AC)		98%	
MPPT Efficiency		99.90%	
PHYSICAL			
Dimension ,H*W*D(mm)		400*250*89	
Net Weight (kgs)		7.5	8.5
Communication Interface		RS485/RS232(Standard)/LCD remote/WIFI(Optional)	
OPERATING ENVIRONMENT			
Humidity		5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature		0℃ to 55℃	
Storage Temperature		-15℃ to 60℃	

SOLAR CHARGE CONTROLLER XMC SERIES





Features

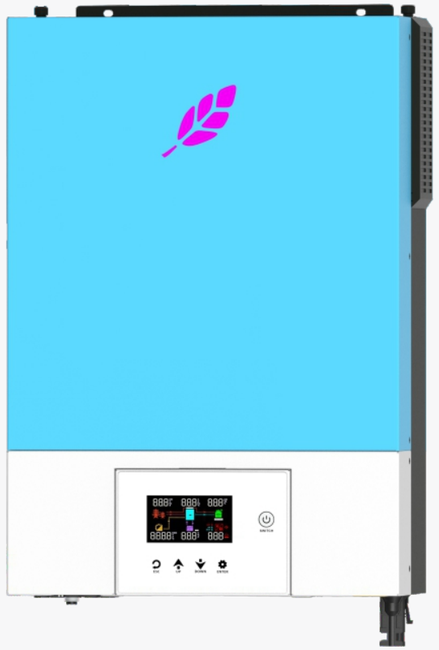
- Built-in 140A MPPT solar charger(only for 24V/48V); 80A MPPT solar charger(only for 96V)
- PV input voltage range 60-500VDC
- Smart battery charge design to optimize battery life
- Built-in anti-dust kit for harsh environment
- Timed charging
- Countable power generation(day/month/year)
- Dual MPPT (only for 96V)

Product Data Sheet

MODEL	XMC-140-24V	XMC-140-48V	XMC-80-96V
BATTERY			
Battery Voltage	24VDC	48VDC	96VDC
Floating Charge Voltage	27VDC	54VDC	118VDC
Overcharge Protection	31VDC	62VDC	124VDC
Charging Current	140A		80A
SOLAR CHARGER			
Solar Charger Type	MPPT		
Maximum PV Array Power	4200W	6500W	9600W
MPPT Range @ Operating Voltage	60~450VDC		
Maximum PV Array Open Circuit Voltage	500V		
Number of MPPT Trakers/Maximum Input current	1/22A		
PHYSICAL			
Dimension ,H*W*D(mm)	380*249*115		415*300*115
Cartoon Dimension ,H*W*D(mm)	435*310*180		470*360*180
Net Weight(kgs)	5.6	5.8	7
Gross Weight(kgs)	6.2	6.4	7.6
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non~condensing)		
Operating Temperature	-10℃~50℃		
STANDARD			
Compliance Safety	CE		

ON/OFF GRID SOLAR INVERTER

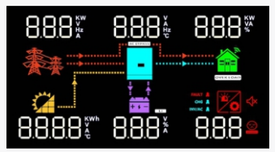
VICTOR NM-PRO SERIES



INVERTER MODE

PV MODE

UTILITY MODE



140A MAX PV CHARGING

PURE SINE WAVE

WORKS WITH AND WITHOUT BATTERY

UPGRADED MPPT

LI- ION

BUILT IN ANTI DUST KIT

RGB LIGHTS

Removable display

DUSTPROOF

Features

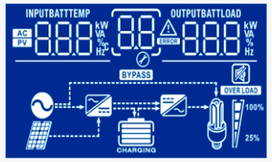
- Pure sine wave solar inverter(On/Off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter can run without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 120A(for 3.6KW/6.2KW)/140A(for 4.2KW)
- MPPT Solar charge: max 6200W(for 3.6KW/4.2KW); max6500W(for 6.2KW)
- High PV input voltage range(90~500VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Built Remove LCD Display and Key

Product Data Sheet

MODEL	VICTOR NM-PRO-3.6KW	VICTOR NM-PRO-4.2KW	VICTOR NM-PRO-6.2KW
Phase	1-phase		
Maximum PV Input Power	6200W	6200W	6200W
Rated Output Power	3600W/3600VA	4200W/4200VA	6200W/6200VA
INPUT			
Voltage	120-140VAC/180VAC		
Selectable Voltage Range	90-280VAC or 170-280VAC		
Frequency Range	50/60Hz		
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		
OUTPUT			
AC Voltage Regulation (Batt. Mode)	230VAC±5%		
Surge Power	7200W	8400W	12400W
Efficiency(Peak)	94%		
Transfer Time	10 ms (For Personal Computers); 20 ms(For Home Appliances)		
Waveform	Pure sine wave		
No Load Power Consumption	35W	42W	62W
BATTERY			
Battery Voltage	24VDC	24VDC	48VDC
Floating Charge Voltage	29.2VDC	29.2VDC	58.4VDC
Overcharge Protection	28.2VDC	28.2VDC	56.4VDC
SOLAR CHARGER & AC CHARGER			
Solar ChargerType	MPPT		
Maximum PV Array Power	6200W	6200W	6500W
MPPT Range &Operating Voltage	90~450VDC		
Maximum PV Array Open Circuit Voltage	500VDC		
Maximum PV Input Current	30A	30A	40A
Maximum AC Charging Current	120A	140A	120A
Maximum Solar Charging Current	100A		
Maximum Solar+AC Charging Current	120A	140A	120A
PHYSICAL			
Dimension ,H*W*D(mm)	440*310*140		
Cartoon Dimension ,H*W*D(mm)	555*393*225		
Net Weight (kgs)	10.0	10.5	11.0
Gross Weight(kgs)	11.0	11.5	12.0
Communication Interface	RS232/WIFI/Remove LCD/GPRS		
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non~condensing)		
Operating Temperature	-10°C~50°C		
STANDARD			
Compliance Safety	CE		

OFF GRID SOLAR INVERTER

VICTOR NM-II PLUS SERIES



Features

- Pure sine wave solar inverter
- Output power factor 1.0
- WIFI&GPRS available for IOS and android
- Inverter can run without battery
- Built-in 100AMPPT solar charger
- High PV input voltage range(120~450VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life

Product Data Sheet

MODEL	VICTOR NM-II-3500W-PLUS	VICTOR NM-II-5500W-PLUS
Rated Power	3500VA/3500W	5500VA/5500W
AC INPUT		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge Power	7000VA	11000VA
Efficiency(Peak)PV to INV	97%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum Charge Current	80A	
SOLAR CHARGER		
Maximum PV Array Power	5000W	6000W
MPPT Range @ Operating Voltage	120~450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	100A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension ,H*W*D(mm)	440*310*110	
Cartoon Dimension ,H*W*D(mm)	590*390*208	
Net Weight(kgs)	8.5	9.5
Gross Weight(kgs)	9.5	10.5
Communication interface	RS232/GPRS/WIFI	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10℃~50℃	
STANDARD		
Compliance Safety	CE	

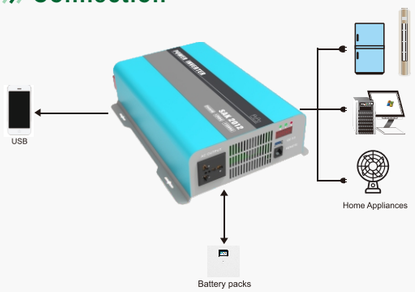
CAR INVERTER SAK SERIES

Features

- Pure sine wave inverter
- Maximum efficiency 90%
- Intelligent speed regulation of fan:the fan speed will be controlled according to the load and the temperature inside the fan
- Protection funtion:input under voltage protection, input over voltage protection,overload protection, short circuit protection,over temperature protection
- Application:home,office,vehice,yacht and other ocasions

Remote(optional)

Connection



Overview

Product Data Sheet

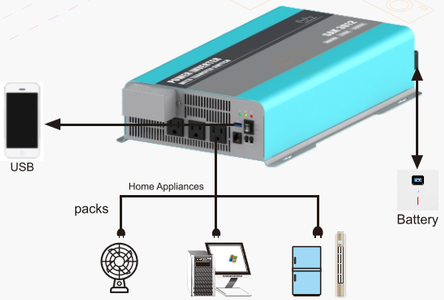
MODEL	SAK-0312E SAK-0312	SAK-0324E SAK-0324	SAK-0612E SAK-0612	SAK-0624E SAK-0624	SAK-1212E SAK-1212	SAK-1224E SAK-1224	SAK-2012E SAK-2012	SAK-2024E SAK-2024
DC INPUT								
Rated Input Voltage	12V	24V	12V	24V	12V	24V	12V	24V
Rated Current	30A	15A	56A	28A	112A	56A	210A	105A
Maximum Efficiency	90%							
Battery Type	Lead acid/Lithium battery							
AC OUTPUT								
Rated Power	300W		600W		1200W		2000W	
AC Voltage	220V/110V							
Frequency	50Hz/60Hz							
Wave Form	PURE SINE WAVE							
INPUT PROTECTION								
	12V				24V			
Battery Low Voltage Alarm								
Battery Low Voltage Recovery	10.5V±0.5V				21.0V±0.5V			
Battery Low Voltage Shutdown	11.0V±0.5V				22.0V±0.5V			
Battery High Voltage Alarm	10.0V±0.5V				20.0V±0.5V			
Battery High Voltage Alarm Recovery	15.0V±0.5V				30.0V±0.5V			
Battery High Voltage Shutdown	14.5V±0.5V				29.0V±0.5V			
OUTPUT PROTECTION								
Output Short Circuit Protection	After the fault is eliminated, it can be rebooted							
Overload Protection	110%≤Load<125%,1 minute shutdown; 125%≤Load<150%,30s shutdown; 150%≤Load,shut down immediately;							
Output Temperature Protection	Heat dissipation temperature>90℃							
OPERATING ENVIRONMENT								
Operating Temperature	0℃ ~40℃							
Humidity	0-80%							
OTHER								
Dimension(mm)	190*151*77		210*151*77		260*161*82		300*191*82	300*171*82
Remote Control Switch Interface	Standard Configuration							
USB	5V 2A							

Features

- Pure sine wave inverter
- Maximum efficiency 92%
- Protection funtion:input under voltage protection, input over voltage protection,overload protection, short circuit protection,over temperature protection
- Application:home,office,vehice,yacht and other ocasions

Remote(optional)

Connection



Overview

Product Data Sheet

MODEL	SAK-3012
DC INPUT	
Rated Input Voltage	12V
Rated Current	320A
Maximum Efficiency	92%
Battery Type	Lead acid/Lithium battery
AC OUTPUT	
Rated Power	3000W
AC Voltage	120V
Frequency	50Hz/60Hz
Wave Form	PURE SINE WAVE
INPUT PROTECTION	
	12V
Battery Low Voltage Alarm	11.0V±0.5V
Battery Low Voltage Recovery	12.0V±0.5V
Battery Low Voltage Shutdown	10.5V±0.5V
Battery Low Voltage Shutdown Recovery	12.6V±0.5V
Battery High Voltage Alarm	15.5V±0.5V
Battery High Voltage Alarm Recovery	14.5V±0.5V
Battery High Voltage Shutdown	16.0V±0.5V
Battery High Voltage Shutdown Recovery	15.0V±0.5V
OUTPUT PROTECTION	
Output Short Circuit Protection	After the fault is eliminated, it can be rebooted
Overload Protection	110%≤Load < 149%,1 minute shutdown 150%≤Load < 199%,10S shutdown 200%≤Load, 2S shutdown
Output Temperature Protection	Heat dissipation temperature>90℃
OPERATING ENVIRONMENT	
Operating Temperature	-20℃~45℃
Humidity	0-80%
OTHER	
Dimension(mm)	498*263*95
Remote Control Switch Interface	Standard Configuration
USB	5V 2A

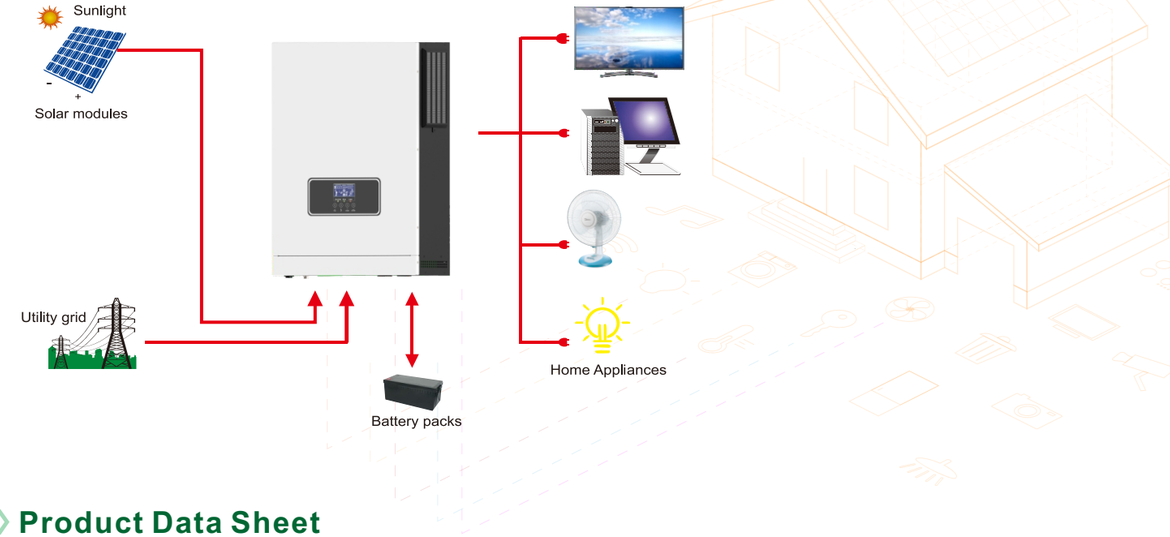
POWER INVERTER

TITAN SERIES

Features

- Built-in MPPT solar charge controller
- Pure sine wave inverter
- Selectable charging current
- Selectable input voltage range
- Configurable AC/Battery input priority Via LCD setting
- Compatible with generator power
- Auto Restart while AC is recovering
- Overload and short circuit protection
- Color LCD display
- Support Lithium Battery
- WIFI&GPRS available for IOS and android
- Dual communication ports for Battery communication and Wifi communication

Connection



Product Data Sheet

MODEL	3024E	5048E
Rated Power	3000W	5000W
INPUT		
Selectable Voltage Range	Wide Range:90VAC-280VAC / Narrow Range:170VAC-280VAC	
Frequency Range	40HZ-70Hz(50Hz/60Hz)	
OUTPUT		
AC Voltage Regulation(Batt.Mode)	200/210/220/230/240VAC	
Surge Power	9000VA	15000VA
Efficiency(Peak)	88%	
Transfer Time	<10ms	
Wave Form	Pure Sine Wave	
BATTERY& AC CHARGER		
Battery Voltage	24V	48V
Charge Current	50A	45A
Battery Voltage Range	20VDC~32VDC	40VDC~64VDC
Battery Low Voltage Alarm	21VDC±0.6V	42VDC±1.2V
Battery Low Voltage Shutdown	20VDC±0.6V	40VDC±1.2V
SOLAR CHARGER		
Charge Voltage	28V-150V	52V-150V
Max.PV Input Voltage	150V±3V	
Max.PV Input Power	2400W	4800W
Max. Charging Current	60A	80A
Battery Ripple Voltage	<1%	
Efficiency	⩾99.5%	
PHYSICAL		
Dimension. H*W*D(mm)	520*342*155	560*410*167
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10˚C to 50˚C	
Storage Temperature	-15˚C to 60˚C	

WiFi Module

Wi-fi Module

- Real-time dynamic graphs of inverter data
- Cloud storage for history data and event log
- Remote monitoring and control of multiple inverters via mobile APP(IOS and Android)
- Parameter setting available(output setting,output priority setting, AC input range, battery setting and etc.)

SUN HOUSE APP

Available on the App Store

GET IT ON Google Play

技术要求:
1、尺寸:420*285
2、材质:封面300克铜版纸，内页157克铜版纸，正反面CMYK彩色印刷
3、装订:锁线胶装
4、印刷:图片、字体、线条需清晰，无重影、无毛边、无多余杂点此技术要求不用印刷

Product Data Sheet

MODEL	Network Support	Communication Interface	Power Input	Power Consumption	Operating Temperature	Operating Humidity	Storage Temperature	Dimension,D*W*H(mm)
Wi-Fi Module	802.11 b/g/n, AP/STA	RS232/RS485	5V-12V	2 watt(max.)	-20℃~75℃	0~95%	-30℃~80℃	28*46*172