

PV 3200

2.6 Kilowatts Inverter



This is multi-function inverter/charger, combining functions of inverter, solar charger and battery charger to offer uninterruptible power support with portable size. Its comprehensive LCD display offers user-configurable and easy-accessible button such as battery charging current, AC/Solar Charger priority, and acceptable input voltage based on different applications.

Mobile Application Support

Fronus Solar

The smartphone screen shows the Fronus Solar mobile application interface. It includes a 'DataLogger' section with tabs for 'Flow', 'Chart', 'Analysis', and 'Data'. The main display features an 'Energy flow chart' with icons for solar, battery, and home. Below this is a 'Data settings' table with the following data:

Parameter	Value
Battery Capacity	100.00%
Battery Charging Current	0.00A
Battery Discharge Current	0.00A
Battery Voltage	54.10V
Max Total Charge Current	60.00A
AC Input Frequency	50.20Hz
AC Input Voltage	227.90V
Output Active Power	2.65kW
Output Voltage	220.00V

Surrounding the smartphone are several callout boxes with lines pointing to specific features:

- Battery Percentage Monitoring
- Solar Load Optimization
- Grid Usage Monitoring
- Battery Consumption Analysis
- Solar Generation Insights
- Analysis Chart

PRODUCT SPECIFICATIONS



Compatible With Lithium ion Battery

Battery Compatibility

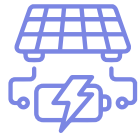
Experience seamless energy integration with our cutting-edge solar inverter, purposefully designed for perfect compatibility with lithium-ion batteries. Unlock optimal efficiency and performance while harnessing solar power and storing it effortlessly.



RGB Lights

RGB Lights for Aesthetics

Elevate your solar experience with a touch of innovation — our solar inverter features captivating RGB lights. Seamlessly combining functionality and aesthetics, the inverter adds a vibrant visual dimension to your energy setup. Monitor your system with a colorful twist.



80A Max PV Charging

Can Charge Upto 80A

Unlock high-performance solar charging with our inverter's remarkable 120A Max PV Charging capability. Harness the sun's potential to the fullest, rapidly charging your energy storage system. Experience enhanced energy capture and storage with our solar inverter.



Touch Screen

Touch Screen LCD

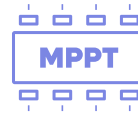
Experience energy management at your fingertips with our solar inverter's intuitive touch screen. Seamlessly navigate settings, monitor performance, and optimize energy usage with a simple touch. Elevate your solar journey with user-friendly control and real-time insights.



Work With Battery

Works Only With battery

Adapt to every energy scenario with our versatile solar inverter, functioning seamlessly with or without a battery. Harness solar power to the fullest, optimizing consumption when the sun shines, and effortlessly storing excess energy when needed.



Upgraded MPPT

We upgrade our inverter's MPPT

Introducing the latest innovation: our solar inverter now features an upgraded MPPT for unparalleled efficiency. Capture more energy from your solar panels with advanced Maximum Power Point Tracking technology, ensuring optimal performance in varying conditions.



Anti Dust Kit

Built In Anti Dust Kit

Discover our revolutionary Anti Dust Kit, tailor-made to bolster the performance of your solar inverter. Crafted for seamless integration, this kit utilizes advanced filters and shielding to fend off dust and debris from compromising vital components.



Pure Sine Wave

Pure Sine Wave Output

Experience energy excellence with our solar inverter boasting a pure sine wave output. Delivering clean and stable power, it ensures compatibility with sensitive electronics and appliances. Enjoy a seamless energy transition that prioritizes performance and safeguards your devices.



Wifi Controller

Control Remotely With Wifi

Stay connected to your energy future with our solar inverter equipped with WiFi control. Effortlessly manage and monitor your system remotely, optimizing energy usage and tracking performance from anywhere. Embrace the convenience of smart energy management.

PRODUCT DATA SHEET

Rated Power		3200VA/3000W		Solar Charger	
AC Input Voltage	230VAC	Maximum PV Array Power	3000W		
Selectable Voltage Range	170~280VAC(For Personal Computer) 90~280VAC(For Home Appliances)	MPPT Range @ Operating Voltage	30~400VDC		
Frequency Range	50 Hz/60Hz (Auto sensing)	Maximum PV Array Open Circuit Voltage	400VDC		
AC Output		Maximum Charging Current	80A		
AC Voltage Regulation	230VAC+-5%	Physical			
Surge Power	6400VA	Dimensions D x W x H(mm)	387*273*95		
Efficiency(Peak)PV to INV	98%	Weight			
Efficiency(Peak)Battery to INV	94%	Net Weight (KG)	5.0		
Transfer Time	10ms (For Personal Computers) 20ms (For Home Appliances)	Interface			
Battery & AC Charger		Communication Port	RS232/WIFI/GPRS		
Battery Voltage	24VDC	Operating Environment			
Floating Charge Voltage	27VDC	Humidity	5% to 95% Relative Humidity (Non-Condensing)		
Overcharge Protection	33VDC	Operating Temperature	-10~50 C		
Maximum AC Charge Current	60A				