

PV 5200

4 Kilowatts Inverter



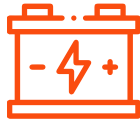
This is multi-function inveter/charger, combining functions of inverter, solar charger and battery charger to offer uninterruptible power support with portable size. Its comprehensive LCD display offers user-configurable and easy-accessible button such as battery charging current, AC/Solar Charger priority,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

Mobile Application Support

Fronus Solar



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.



120A Max PV Charging

Can Charge Upto 120A

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

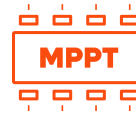
Experience energy management at your fingertips with our solar inverter's intuitive touch screen. Seamlessly navigate settings, monitor performance, and optimize energy usage with a simple touch. Elevate your solar journey with user-friendly control and real-time insights.



Work With & Without Battery

Can work without 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

Phase	1-Phase	Battery Mode Output(AC)	
Maximum PV Input Power	5200W	Nominal Output Voltage	220/230/240VAC
Rated Output Power	3600W/3600VA	Output Waveform	Pure Sine Wave
Maximum Solar Charging Current	120 Amp	Efficiency(DC to AC)	94%
Grid-Tie Operation		Battery & Charger	
PV Input(DC)		Nominal DC Voltage	24VDC
Nominal DC Voltage / Maximum DC Voltage	360VDC/500VDC	Maximum Solar Charging Current	120A
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC	Maximum AC Charging Current	100A
Maximum DC Voltage	90VDC~450VDC	General	
Number of MPPT Trackers Maximum Input Current	1/23Amp	Maximum Energy	160 Amp
Grid Output(AC)		Physical	
Nominal Output Voltage	220/230/240VAC	Dimensions D x W x H(mm)	423*334*110
Output Voltage Range	195.5~253VAC	Weight	
Nominal Output Current	15.7A	Net Weight (KG)	9.0
Power Factor	>0.99	Interface	
Feed-in Grid Frequency Range	49-51 +-1Hz	Communication Port	RS232/WIFI/GPRS
Efficiency		Environment	
Maximum Conversion Efficiency(Solar to AC)	98%	Operating Temperature	-10~50C
Two Load Output Power(V2.0)			
Full Load	3600W		
Maximum Main Load	3600W		
Maximum Second Load Upto(Battery Mode)	1200W		
Main Load Cutt Off Voltage	22VDC		
Main Load Return Voltage	26VDC		
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		
Nominal Operating Frequency	50/60Hz		
Surge Power	7200W		