













CASA-H

5.6kW

This CASA-H inverter, with hybrid technology, is your 24/7 reliable nonstop power source. With feed-in capability, this model will save you on electricity bills.

With a selectable high power charging current, input voltage range & pure output stability, it's your ideal product for your home appliances & electronic devices.

FEATURES

-  Pure sine wave output
-  Self-consumption & Feed-in to the grid
-  Off-Grid, On-Grid & Hybrid
-  Adjustable charging current & voltage
-  Programmable supply priority
(PV, Battery or Grid)
-  Parallel operation up to 9 units
(1Φ - 3Φ)
-  Built-in Wi-Fi
-  BMS communication port
-  USB On-the-Go
-  Status LED ring
(RGB lights)

SPECIFICATIONS

Model		Casa 5.6kW
Phase	1-phase in / 1-phase out	
Maximum PV Input Power	6,000 W	
Rated Output Power	5,600 W	
Maximum Charging Power	6,000 W	
Parallel Capability	Up to 9 units	
Operation		
AC Input		
AC Start-up Voltage	120 - 140 VAC	
Auto Restart Voltage	180 VAC	
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC	
Maximum AC Input Current	40 A	
PV Input (DC)		
Nominal DC Voltage	360 VDC	
Maximum DC Voltage	500 VDC	
Start-up Voltage	110 VDC	
Initial Feeding Voltage	120 VDC	
MPPT Voltage Range	120 VDC - 430 VDC	
MPPT Trackers	1	
Maximum Input Current	27 A	
AC Output		
Nominal Output Voltage	220/230/240 VAC	
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)	
Nominal Output Current	24.3 A	
Power Factor	> 0.9	
Efficiency (DC/AC)	96%	
AC Output (Battery mode)		
Nominal Output Voltage	220/230/240 VAC	
Output Waveform	Pure sine wave	
Efficiency (DC to AC)	93%	
Battery & Charger		
Nominal DC Voltage	48 VDC	
Maximum Solar Charging Current	120 A	
Maximum AC Charging Current	120 A	
Maximum Charging Current	120 A	
General		
Physical		
Dimension, D x W x H (mm)	140 x 295 x 468	
Net Weight (kg)	12	
Interface		
Parallel Function	Yes, 9 units	
Communication Port	USB / RS232 / RS485 / Wi-Fi / Dry-contact	
Environment		
Humidity	0 - 90% RH (Non-condensing)	
Operating Temperature	-10 to 50°C	