













CASA-H

30kW

This hybrid inverter model is a flexible & intelligent solar power storage system that will save you on electricity bills.

This model combines solar power, AC utility, and battery power source to supply continuous power. It's your ideal product for home / business / industrial devices.

FEATURES

-  Pure sinewave output
-  Off-Grid, On-Grid & Hybrid
-  Built-in WiFi
-  Adjustable charging current
-  Parallel operation up to 4 units
-  Wide battery input range
-  BMS communication port
-  150% unbalanced load support
-  Monitoring software
-  IP65 waterproof & dustproof

SPECIFICATIONS

Model		Casa-H 30kW
Phase		3-phase in / 3-phase out
Maximum PV Input Power		40,000 W
Rated Output Power		30,000 W
Maximum Charging Power		18,000 W
Parallel Capability		Up to 4 units
Operation		
AC Input		
AC Start-up Voltage		120 - 140 VAC per phase
Auto Restart Voltage		180 VAC per phase
Acceptable Input Voltage Range		170 - 280 VAC per phase
Maximum AC Input Current		50 A
PV Input (DC)		
Nominal DC Voltage		720 VDC
Maximum DC Voltage		1,000 VDC
Start-up Voltage		320 VDC
Initial Feeding Voltage		350 VDC
MPPT Voltage Range		350 - 900 VDC
MPPT Trackers		3
Maximum Input Current		A: 26 A; B: 26 A; C: 26 A
Number of Strings per MPPT Tracker		A: 2, B: 2, C: 2
AC Output		
Nominal Output Voltage		230 VAC (P-N) / 400 VAC (P-P)
Output Voltage Range		184 - 265 VAC per phase
Nominal Output Current		43.5 A per phase
Power Factor		0.9 lag to 0.9 lead
AC Output (Battery mode)		
Nominal Output Voltage		230 VAC (P-N) / 400 VAC (P-P)
Output Waveform		Pure sinewave
Efficiency (DC to AC)		96%
Maximum Conversion Efficiency (DC/AC)		96.5%
European Efficiency@ Vnominal		96%
Battery & Charger		
Battery Voltage Range		500-1000 VDC
Maximum Charging Current		50 A
General		
Physical		
Dimension, D x W x H (mm)		255 x 660 x 750
Net Weight (kg)		73
Interface		
Communication Port		RS-232, RS-485, USB, Wi-Fi and Dry contact
Intelligent Slot		Optional SNMP, Modbus and GPRS
Environment		
Humidity		0 - 100% RH
Operating Temperature		-25 to 60°C (>45°C De-rating)
Altitude		0 - 1000 m (De-rating 1% every 100m when >1000m)