



CASA-H

15kW

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
-  Programmable supply priority (PV, Battery or Grid)
-  Adjustable charging current & voltage
-  Parallel operation up to 6 units
-  Self-consumption & Feed-in to the grid
-  Adjustable battery charging current
-  Multiple communication (USB, RS-232, Modbus, SNMP & BMS)
-  Monitoring software (real time status display & control)
-  Built-in timer (for various mode of on/off operation)

SPECIFICATIONS

Model	Casa 15kW
Phase	3-phase in / 3-phase out
Maximum PV Input Power	22,500 W
Rated Output Power	15,000 W
Maximum Charging Power	15,000 W
Parallel Capability	Up to 6 units
Operation	
AC Input	
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC per phase / 180 VAC per phase
Acceptable Input Voltage Range	170 - 280 VAC per phase
Maximum AC Input Current	40 A
PV Input (DC)	
Nominal DC Voltage / Maximum DC Voltage	720 VDC / 900 VDC
Start-up Voltage / Initial Feeding Voltage	320 VDC / 350 VDC
MPPT Voltage Range	400 VDC - 800 VDC
MPPT Trackers / Maximum Input Current	2 / A: 37.65 A; B: 18.6 A
AC Output	
Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
Output Voltage Range	184 - 264.5 VAC per phase
Nominal Output Current	21.7 A per phase
Power Factor	> 0.99
AC Output (Battery mode)	
Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
Output Waveform	Pure sinewave
Efficiency (DC to AC)	91%
Maximum Conversion Efficiency (DC/AC)	96%
European Efficiency@ Vnominal	95%
Battery & Charger	
Nominal DC Voltage	48 VDC
Maximum Solar Charging Current	Default 60A, 5A - 300A [adjustable]
General	
Physical	
Dimension, D x W x H (mm)	219 x 650 x 820
Net Weight (kgs)	62
Interface	
Communication Port	RS-232, USB and Dry contact
Intelligent Slot	Optional SNMP, Modbus and AS-400 cards available
Environment	
Humidity	0 - 90% RH (Non-Condensing)
Operating Temperature	-10 to 50°C
Altitude	0 - 1000 m**

Product specifications are subject to change without prior notice.