



CASA-H2

8kW / 10kW

The CASA-H2 8kW and 10kW inverters are designed with a user-friendly HMI (Human-Machine Interface) for seamless operation and configuration. All essential information is clearly displayed on the main screen, allowing you to monitor your system with ease. With just a few simple clicks, you can quickly access and visualize a wealth of data, empowering you to analyze the performance and efficiency of the inverter in real-time.

FEATURES

- IP66 certified enclosure for durability and protection.
- User-friendly HMI LCD for easy setup and operation.
- Supports energy storage from generators.
- Dual inputs and outputs for efficient energy management
- Built-in WiFi and app for mobile monitoring
- 150% unbalanced load support for stable performance
- Adjustable charging current and voltage
- Reserved RS485 port for BMS integration
- Parallel operation for up to 6 units

SPECIFICATIONS

Model	CASA-H2 8kW	CASA-H2 10kW
Maximum PV Input Power	12000W	15000W
Rated Power	8000W	10000W
Maximum Charging Power	8000W	10000W
Operation		
PV Input (DC)		
Nominal DC Voltage / Maximum DC Voltage	720VDC / 900VDC	
Start-up Voltage / Initial Feeding Voltage	150 VDC / 150 VDC	
MPP Voltage Range	150 VDC - 850 VDC	
Number of MPP Trackers / Maximum Input Current	2 / A: 15A, B: 15A	2 / A: 18A, B: 18A
Number of Strings per MPP Tracker	A: 2, B: 2	
Grid Output (AC)		
Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)	
Output Voltage Range	184 - 265 VAC per phase	
Output Frequency Range	47.5 - 51.5 Hz or 59.3 - 60.5 Hz	
Nominal Output Current	17.4 A per phase	
Power Factor	0.9 lag to 0.9 lead	
Efficiency		
Maximum Conversion Efficiency (DC/AC)	96%	
European Efficiency@ Vnominal	95%	
AC Input		
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180VAC	
Acceptable Input Voltage Range	170 - 290 VAC per phase	
Maximum AC Input Current	40A	
Battery Mode Output (AC)		
Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)	
Efficiency (DC to AC)	93%	
Battery & Charger		
Battery Voltage Range	40 - 60 VDC	
Maximum Charging Current	160A	200A
General		
Dimension, D x W x H (mm)	247 x 500 x 650	
Net Weight (kgs)	50	
Communication Port	RS-232 / USB / Dry Contact / RS485 / Wi-Fi	
Intelligent Slot	Optional SNMP, MODBUS cards	
Humidity	0 - 100% RH	
Operating Temperature	-25°C to 60°C	
Altitude	0 - 1,000 m**	

