

















# CASA-U

8kW / 11kW

The Casa-U is a high performance off-grid inverter, its features include built-in current transformer sensor to meet self-consumption application, support for optional GFCI, rapid shutdown & AFCI detections.

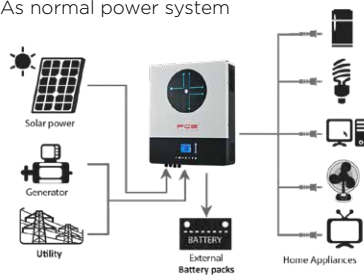
## FEATURES

-  Pure sinewave output
-  Off-Grid system
-  Wide PV input voltage
-  Maximum PV input current
-  Built-in WiFi
-  USB On-the-Go
-  Parallel operation up to 6 units
-  Dual outputs
-  Dual AC inputs
-  BMS communication port
-  Selectable high-power current
-  Supports external BTS detection
-  Built-in 2.8" colored LCD
-  Status lighting indicators

# SPECIFICATIONS

Model	Casa-U 8kW	Casa-U 11kW
Rated Power	8,000 W	11,000 W
Parallel Capability	Up to 6 units	
<b>Operation</b>		
<b>Input</b>		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC; 90-280 VAC	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
<b>Output</b>		
Voltage Regulation	230VAC ± 5%	
Output THDv	<5% for linear load, <10% for non-linear load @ nominal voltage	
Surge Power	16,000 VA	22,000 VA
Efficiency (Peak)	93%	
Transfer Time	10 ms; 20 ms	
Waveform	Pure sinewave	
<b>Battery</b>		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	63 VDC	
<b>Solar Charger &amp; AC Charger</b>		
Solar Charger Type	MPPT	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Array Power	10,000 W (5,000 W x 2)	12,000 W (6,000 W x 2)
MPPT Range @ Operating Voltage	90 - 450 VDC	
Maximum Solar Charge Current	150 A	150 A
Maximum AC Charge Current	120 A	150 A
Maximum Charge Current	150 A	150 A
<b>General</b>		
<b>Physical</b>		
Dimension, D x W x H (mm)	145 x 438 x 553.6	
Net Weight (kg)	18.4	
Communication Interface	USB/RS232/RS485/Wi-Fi/Dry-contact/BTS Supports optional GFCI, Rapid shutdown, AFCI detection	
External Current Sensor Port	Yes, built-in current transformer sensor	
<b>Environment</b>		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
Compliance Safety	CE	

As normal power system



As backup power system

