













CASA-S

4kW / 6kW

The CASA-S is the latest generation off-grid inverter with rich hybrid capabilities. As one of its main features, it has a detachable LCD control module that can be turned into a remote panel.

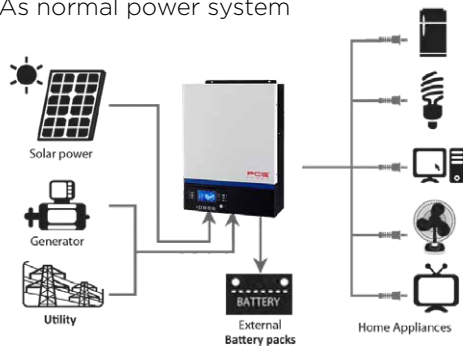
FEATURES

-  Dual outputs
-  Built-in WiFi
-  USB On-the-Go
-  Maximum PV input current
-  Wide PV input voltage
-  Replaceable fan design
-  BMS communication port
-  Battery equalization extends lifecycle
-  Battery independent
-  Detachable LCD control

SPECIFICATIONS

Model	Casa-S 4kW	Casa-S 6kW
Rated Power	4,000 W	6,000 W
Operation		
Input		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC; 90-280 VAC	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
Output		
AC Voltage Regulation (Batt. Mode)	230 VAC \pm 5%	
Surge Power	6,000 VA	10,000 VA
Efficiency (Peak)	93%	
Transfer Time (Depending on Voltage Range)	10 ms; 20 ms	
Waveform	Pure sinewave	
Battery		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
Solar & AC Chargers		
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Array Power	5,000 W	6,000 W
MPPT Range @ Operating Voltage	90 - 450 VDC	
Maximum Solar Charge Current	100 A	
Maximum AC Charge Current	100 A	
Maximum Charge Current	100 A	
Operation		
Physical		
Dimension, D x W x H (mm)	115 x 300 x 400	
Net Weight (kg)	9.0	10.0
Communication Interface	USB / RS232	
Environment		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

As normal power system



As backup power system

