



# CASA-S

1.5 kW

The CASA-S is the latest generation off-grid inverter with rich hybrid capabilities. As one of its main features, this model offers smart battery charging capabilities for optimized battery performance.

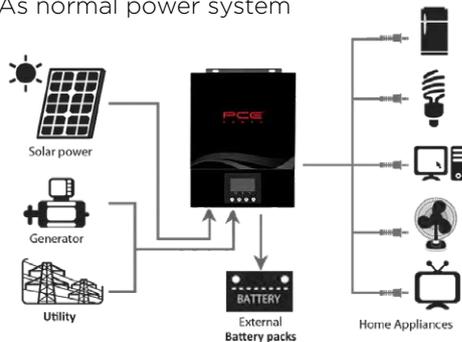
## FEATURES

-  Pure sine wave output
-  Generator compatible
-  Off-Grid system
-  Adjustable battery charging current
-  AC/Solar input configurable priority
-  Cold start function
-  Wide PV input voltage
-  Overload / Short circuit protection

# SPECIFICATIONS

<b>Model</b>	<b>Casa-S 1.5kW</b>
<b>Rated Power</b>	1,500 W
<b>Operation</b>	
<b>Input</b>	
<b>Voltage</b>	230 VAC
<b>Selectable Voltage Range</b>	170-280 VAC; 90-280 VAC
<b>Frequency Range</b>	50 Hz / 60 Hz (Auto sensing)
<b>Output</b>	
<b>AC Voltage Regulation (Batt. Mode)</b>	230 VAC $\pm$ 5%
<b>Surge Power</b>	3,000 VA
<b>Efficiency (Peak)</b>	90% - 93%
<b>Transfer Time</b>	10 ms; 20 ms
<b>Waveform</b>	Pure sinewave
<b>Battery</b>	
<b>Battery Voltage</b>	12 VDC
<b>Floating Charge Voltage</b>	13.5 VDC
<b>Overcharge Protection</b>	16 VDC
<b>Solar Charger &amp; AC Charger</b>	
<b>Maximum PV Array Open Circuit Voltage</b>	450 VDC
<b>Maximum PV Array Power</b>	2,000 W
<b>Nominal PV Voltage</b>	240 VDC
<b>MPPT Range @ Operating Voltage</b>	90 - 430 VDC
<b>Maximum Solar Charge Current</b>	80 A
<b>Maximum AC Charge Current</b>	60 A
<b>General</b>	
<b>Physical</b>	
<b>Dimension, D x W x H (mm)</b>	95 x 270 x 348
<b>Net Weight (kg)</b>	4.4
<b>Communication Interface</b>	RS232 / Dry Contact / Wi-Fi [optional]
<b>Environment</b>	
<b>Safety Certification</b>	CE
<b>Humidity</b>	5% to 95% Relative Humidity (Non-condensing)
<b>Operating Temperature</b>	-10°C to 50°C
<b>Storage Temperature</b>	-15°C to 60°C

As normal power system



As backup power system

