











CASA-L

1kW / 2kW / 3kW / 5kW

This simple solar inverter is designed to power your home appliances and precious electronics. With an auto-restart process during AC recovery, overload & short circuit protection, and a factor 1 output power, this inverter is ideal for preserving your equipment.

FEATURES

-  Pure sinewave output
-  Generator compatible
-  Off-Grid system
-  Battery equalization extends lifecycle
-  Adjustable charging current & voltage
-  Cold start function
-  AC/Solar input configurable priority
-  Optional anti-dust kit

SPECIFICATIONS

Model	Casa-L 1kW	Casa-L 2kW	Casa-L 3kW	Casa-L 5kW
Rated Power	1,000 W	2,000 W	3,000 W	5,000 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 ± 5%			
Surge Power	2,000 VA	4,000 VA	6,000 VA	10,000 VA
Efficiency (Peak)	90% - 93%			
Transfer Time	10 ms; 20 ms			
Waveform	Pure sinewave			
Battery				
Battery Voltage	12 VDC	24 VDC	48 VDC	
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC	
Overcharge Protection	16 VDC	31 VDC	33 VDC	63 VDC
Solar Charger & AC Charger				
Maximum PV Array Open Circuit Voltage	102 VDC	102 VDC	102 VDC	145 VDC
Maximum PV Array Power	500 W	1,000 W	1,000 W	3,000 W
MPPT Range @ Operating Voltage	30 - 80 VDC	30 - 80 VDC	30 - 80 VDC	60 - 115 VDC
Maximum Solar Charge Current	40 A	40 A	40 A	60 A
Maximum AC Charge Current	20 A	25 A	25 A	60 A
Maximum Charge Current	60 A	60 A	60 A	120 A
General				
Physical				
Dimension, D x W x H (mm)	88 x 225 x 320		100 x 285 x 334	100 x 300 x 440
Net Weight (kg)	4.4	5.0	6.5	9.7
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

