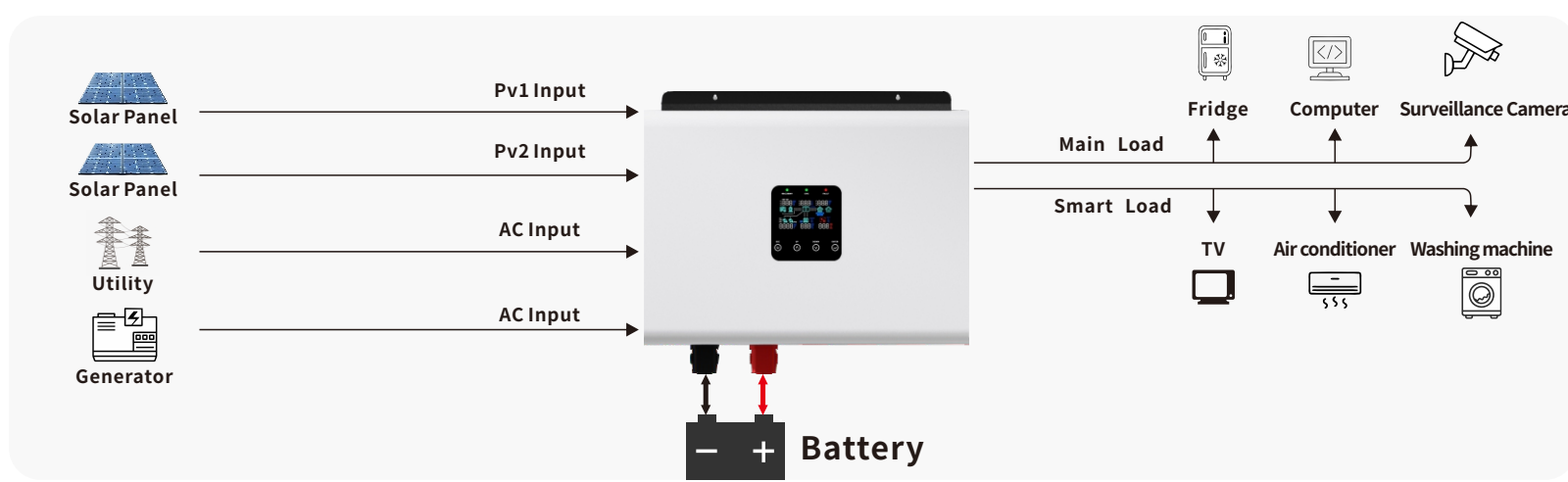


BIN Series

- 1, Dual outputs for smart load management
- 2, Rated power at 6KW, power factor 1.0
- 3, Parallel operation up to 9 units
- 4, 2 strings of MPPT
- 5, Max PV. array power 8000watt
- 6, 500Vdc high PV input voltage
- 7, The built-in ATS can automatically switch between generator power and mains power input
- 8, WiFi monitor (Optional)
- 9, Overload, short circuit and deep discharge protection
- 10, Can provide the power to the load without battery



Modle	BIN-S- I -6KW
AC Output	
Rated Power	6KVA/6KW
Surge Power	12KVA/12KW (5s)
Parallel Option	Yes Up to 9 Units
AC Output Voltage	220V-230V-240V AC
Rated AC Output Frequency	50/60Hz
Max Bypass Output Current	40A
AC Output Interface	Load +Smart Load
Max Inverter Efficiency	94%
Transfer Time	10ms (For Personal Computers) 20ms (For Home Appliances)
Output Waveform	Pure Sine Wave
Power Factor	1
No-Load Loss	<60 Watt
PV Input	
Type Of PV Array Input Terminal	Insertion-type Terminal Block
Number Of MPP Trackers	2
Max PV Input Power	8000W (4000W+4000W)
Max PV Array Open Circuit Voltage	500Vdc
Rated Input Voltage Of Photovoltaic System	250Vdc
Max PV Input Current / Per String	16A / Per String
Startup Voltage	100Vdc
MPPT Voltage Range	60Vdc-450Vdc
Battery	
Compatible Battery Types	Lead-acid, Lithium
Rated Battery Voltage	48Vdc
Battery Voltage Range	40Vdc-60Vdc
Minimum Cold Start Battery Voltage	46Vdc
Battery Overcharge Protection Voltage	60Vdc
Max Solar Charging Current	100A
Max AC Charging Current	80A
Max Charging Current (PV+AC)	100A
Max Charging Power	5800W
MPPT Charging Efficiency	99%
Activate The Lithium Battery Function	PV / AC
Mechanical Specifications	
Inverter Dimensions	387*282*114mm
Packing Measurement	475*440*203mm
Net Weight	9.1KG
Gross Weight	10.5KG
Communication Interface	USB / CAN / RS485
Monitoring Option	WiFi (Optional)
Quality Guarantee	3 Years

Environment	
Protection Degree	IP20
Humidity	5% to 95% Relative Humidity (Non-condensing)
Altitude	<2000 Meters
Operating Temperature	-10°C-50°C
Storage Temperature	-15°C-60°C
Noise	<60dB
Type Of Cooling	Fan

Certificate

CE, IEC62109-1, IEC62109-2