



RVI 3kW

Single-Phase/Inverter and charger for RV

- ☐ Support for charging the starter battery
- ☐ Industrial design with a modern aesthetic look
- ☐ N-G bonding function for electrical safety
- ☐ SPWM outputs high quality pure sine wave AC power
- ☐ Up to 100A charging current
- ☐ Complete short-circuit protection, etc

ABOUT SRNE

- ☐ SRNE 15 years in PV industry, committed to independent R&D and production.
- ☐ Holds over 200 patents in energy storage, with unique industry-leading technologies.
- ☐ Chooses top-quality international components to deliver high-value products to customers.
- ☐ Upholds values of customer priority, proactivity, responsibility, and innovative breakthroughs.

MODEL	RV1230U100
INVERTER OUTPUT	
Rated Output Power	3000W
Max.Peak Power	6000VA
Rated AC Output Voltage	120Vac
Load Capacity of Motors	2HP
Rated AC Frequency	50/60Hz
Waveform	Pure sine wave
Power Factor	1
Switch Time	10ms (typical)
Additional DC Output	12Vdc/20A
BATTERY CONNECT	
Battery Type	Li-ion / Lead-acid / User-define
Rated Battery Voltage	12Vdc
Voltage Range	10.5~16.5Vdc
Max.Mains/Generator Charging Current	100A
No-Load Consumption	Battery current<4.0A@12.5V
Energy-Saving Consumption	Battery current<1.0A@12.5V
MAINS/GENERATOR INPUT	
Input Voltage Range	90~140Vac
Frequency Range	50/60Hz (Auto-detect)
Bypass Overload Current	40A
EFFICIENCY	
Inverter Efficiency	>92%
GENERAL	
Dimensions	466*322*107.8mm (1.52*1.06*0.35ft)
Weight	8kg (17.64lb)
Protection Degree	IP20, indoor only
Operating Temperature Range	-15°C~55°C (5°F~131°F)
Storage Temperature Range	-25°C ~60°C (-13°F~140°F)
Noise	≤60dB
Cooling Method	Intelligent fan
Warranty	3 years
COMMUNICATION	
Embedded Interfaces	RS485/ CAN (RV-C) / USB / Dry contact
External Modules (Optional)	Wi-Fi / GPRS
CERTIFICATION	
Safety	CE(IEC 62109-1)/IEC62109-2 cETL(UL458/ CSA C22.2 NO.107.2-01)
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B

