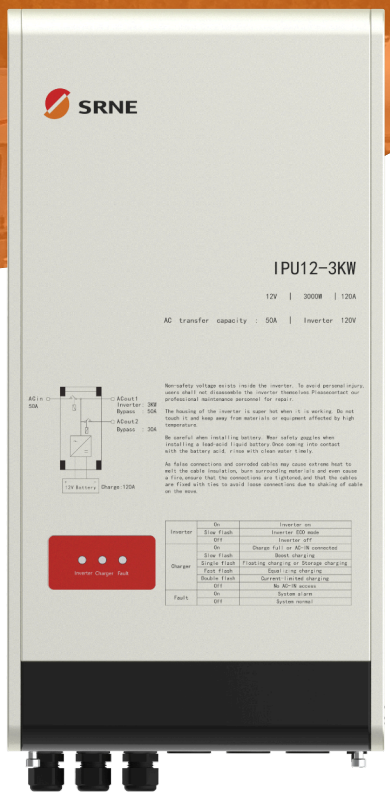
SRNE



IPU 12-3kW

Single Phase Transformer Inverter

- ☐ 12V battery support with multi-stage charging for extended life.
- ☐ Stable, pure sine wave output with voltage and frequency stabilization.
- ☐ Adjustable AC input current for various power needs.
- ☐ Mobile app monitoring of device parameters.
- ☐ Quiet operation for a comfortable environment.
- ☐ Comprehensive safety features, including N-G grounding.

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.

Green Energy Changes the World

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MODEL	IPU-3KW
INVERTER MODE	
Rated Output Power	3,000W
Max. Output Power	6,000VA
Rated Output Voltage	120Vac ±2% (Single Phase L+N+PE)
Wave Form	Pure Sine Wave
Rated Output Frequency	50/60Hz (Default)
Rated Output Efficiency	>83%
Max. Output Efficiency	>94% (20% Load)
ECO Mode Start Power	<30W (30~100W Optional)
ECO Mode Switch Slot	1min (30s～30min Optional)
UPS Mode Switch Slot	<10ms
AC OUT1 Output Current	50A
AC OUT2 Output Current(Only Mains Power)	30A
CHARGE MODE	
AC Input Voltage	90～140Vac
AC Input Frequency	45～65Hz
AC Input Rated Current	0~50A
Battery Charging Rated Current	0～120A
Starter Battery Charging Current	3A
BATTERY	
Rated Battery Voltage	12V
Battery Type	USE/FLD/GEL/LI/SLD(Default)

BASIC PARAMETER			
Demension	551*280*157mm	Humidity	0～100%
Weight	22.5kg	Cooling Method	Natural Cooling + Fun
IP Grade	IP20	Warranty	2 Years
Environment Temperature	-25～60°C,>45°C Derate	Communication	RV-C/RS485/TTL/Bluetooth
External Module (Optional)	Wi-Fi/GPRS	Topology	Transformer
Protection Function	Battery over-voltage/under-voltage protection、AC output over-load/short-circuit protection、AC input over-voltage/under-voltage protection、over- temperature protection、Fan lock protection		
Function	N-G bonding 、Remote ON/OFF 、Programmable Relay Output、Voltage-drop compensation、Lead-Acid Battery Charging Temperature Compensation