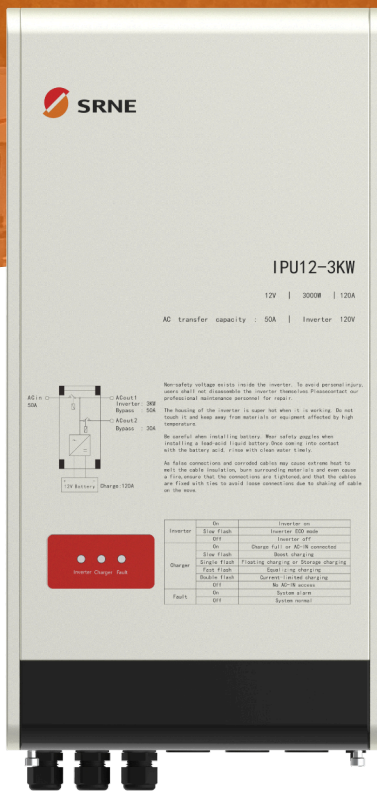


IPU 12-3kW

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.

MODEL		IPU-3KW
INVERTER MODE		
Rated Output Power	3,000W	
Max. Output Power	6,000VA	
Rated Output Voltage	120Vac \pm 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		

