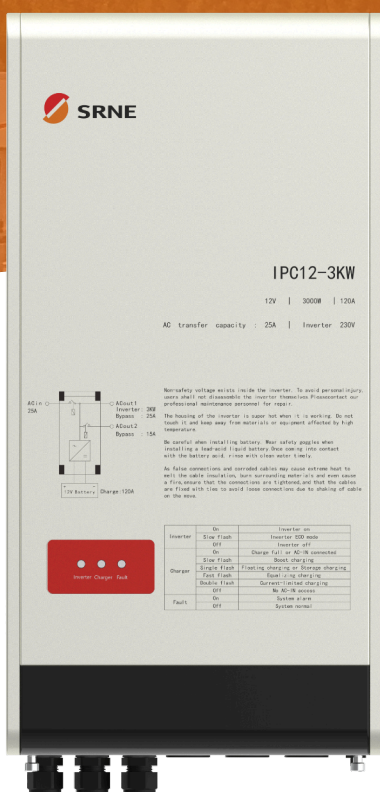




IPC 12-3kW

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

MODEL		IPC-3KW	
INVERTER MODE			
Rated Output Power		3,000W	
Max. Output Power		6,000VA	
Rated Output Voltage		230Vac ±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		25A	
AC OUT2 Output Current(Only Mains Power)		15A	
CHARGE MODE			
AC Input Voltage		180~265Vac	
AC Input Frequency		45~65Hz	
AC Input Rated Current		0~25A	
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℃,>45℃ 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		

