



Guangdong Prostar New Energy Technology Co., Ltd.

www.Prostarpower.com

www.Prostar-cn.com

High Frequency Solar Inverer

120V/240V Split Phase Off Grid Solar Inverter

PSI LV Series

Suitable for use in USA/Puerto Rico, and Canada where split phase power standard is used.

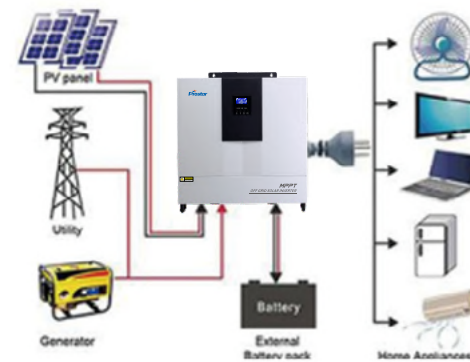


Features:

- 1. Versatile AC output modes: single phase 120v, split phase 240v, and 3-phase 208V
- 2. Pure sine wave output 5KW/48VDC
- 3. Dual MPPT Input up to 160A max charge
- 4. Max PV input power up to 8KW(4KW*2)
- 5. Utility charging up to 60A Max.
- 6. Max total system charging up to 220A
- 7. Parallel operation up to 3 units max
- 8. Genset starter dry contact
- 9. Programmable parameters
- 10. Ideal for Off-Grid or Grid-backup application
- 11. Easy to install
- 12. FREE monitoring software
- 13. LCD Display + LCD indicators
- 14. USB, RS232 communication interface.

Hybrid Operation

OFF-GRID SYSTEM



Single Phase L1-N/L2-N=120V



Split Phase L1-L2=240V



Single Phase /3-Phase L1-L2=208V



Technical Specifications:

MODEL	PSI-5K LV
Continuous Output	5000VA/5000W
System DC Volt	48VDC
AC Input Voltage	110/120VAC (Phase-Neutral)
Maximum Parallel	Up to 3 units
PV INPUT/SOLAR CHARGING	
Max PV Input Power	8000W(4000W each input)
Max PV input Volt	145V(open circuit Voc)
MPPT Range	60-110VDC
Number of PV Input	2
Max Charging Current	160A (80Ax2)
OUTPUT MODE	
Output Waveform	Pure Sine Wave
AC Output Mode	120V L-N/240V L1-L2 /208V L1-L2 3-Phase
Frequency	50 / 60 Hz, auto-sensing
Max Bypass Current	40A
Max Efficiency	> 90%
Max Utility Charging	60A
Max Utility + Solar Charging	220A
Max Bulk/Float Charge	58.4V
ENVIRONMENTAL / MECHANICAL SPECIFICATIONS	
Communication Port	USB / RS232/Dry Contact
Operating Temp.	0 ~50℃
Dimension, D x W x H(mm)	623*610*130mm
Net Weight	30KG

Product specifications are subject to change without further notice.