

- ⊙ CPU control, Low frequency
- ⊙ Pure sine wave output
- ⊙ 10ms transfer time for AC to DC
- ⊙ Input voltage range 80V~140V/160V~265V
- ⊙ Input frequency range 45~55Hz/55~65Hz
- ⊙ Easy to install, easy to use
- ⊙ Intelligent automatic charging
- ⊙ Overload, short circuit protection
- ⊙ Over temperature protection
- ⊙ Over voltage, low voltage protection
- ⊙ Low battery protection
- ⊙ Compatible with generators
- ⊙ Using line interactive circuit technology
- ⊙ Automatically AC bypass
- ⊙ **Software & SNMP card optional with adding cost**



Pure Sinewave
LOW FREQUENCY



LED DISPLAY



LCD DISPLAY



Technical Specification

SNMP CARD (OPTIONAL)

Model No.	PRNZ - 5000VA
Output power	4000W
Peak power	12000W (3s)
DC Input Voltage	24V/48V
DC range	20-32V/40-64V
Battery over voltage	32V/64V
Charge current	30 - 50A
Output waveform	Pure sine wave
AC bypass	80-140V / 160-265V
Input frequency	55-65Hz / 45-55Hz
Overload capability	100%-125% warning; 125%-150% shut down after 30s; above 150% shut down immediately
AC over voltage	Above 140V or 265V, automatically change to inverter mode
AC lack voltage	Lower than 80V or 160V, automatically change to inverter mode
Changeover switch	80A
Transfer time	AC to DC 10ms, DC to AC less than 10ms
Utility efficiency	> 95%
Output power factor	0.8
Nominal output voltage	110V (120V) or 220V (230V)
Output voltage range	Tracking electricity, beyond the normal range switch to inverter mode
Output frequency	Tracking electricity, beyond the normal range switch to inverter mode
Inverter efficiency	> 80%
Short circuit protection	less than 3s automatically shut down
Working temperature	-10°C ~ 40°C
Storage temperature	-20°C ~ 50°C
Working humidity	0% ~ 95% no condensation
Noise level	< 40dB (within 1meter)
LCD display	Optional (LCD menu with optional battery type, charge current, voltage, etc.)
Product dimension (mm)	515 x 192 x 338 mm
Packing size (cm)	61.5 x 33.2 x 48.8 cm
Gross weight (kg)	36.5kg
Net weight (kg)	33 kg
Backup time	Inverter backup time (h) = battery capacity (Ah) / discharge current (A)
Battery mode	External Battery