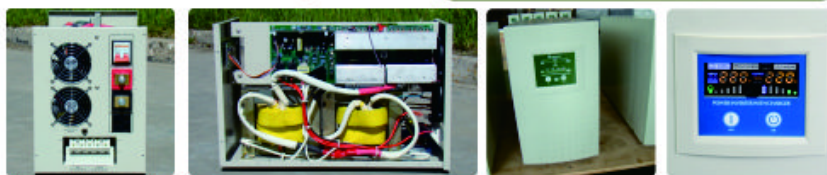




PRNZ-D Series POWER INVERTER

- ⊙ CPU control, Low frequency
- ⊙ Pure sine wave output
- ⊙ 10ms transfer time for both AC to DC and DC to AC
- ⊙ AC recovery waiting for 10s to detect AC stable then transfer back
- ⊙ Input voltage range 80V~140V/160V~265V
- ⊙ Input frequency range 38~65Hz
- ⊙ 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
- ⊙ Automatically AC bypass
- ⊙ Manual bypass optional with adding cost



Technical Specification

Model No.	PRNZ-6250D
Output power	5000W
Peak power	15000W (3s)
DC Input Voltage	48V
DC range	40V - 64V
Battery over voltage	64V
Charge current	50A
Output waveform	Pure sine wave
Automatic AC bypass	80-140V / 160-265V
Input frequency	38-65Hz
Overload capability	100%-120% shut down after 60s; 120%-150% shut down after 30s; above 150% shut down after 3s
AC over voltage	Above 140V or 265V, automatically change to inverter mode
AC lock voltage	Lower than 80V or 160V, automatically change to inverter mode
Changeover switch	100A
Transfer time	AC to DC less than 10ms; DC to AC less than 10ms
Utility efficiency	> 92%
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 1 meter)
Digital display	Input voltage, Output voltage, Battery percentage, load percentage, Output frequency
Product dimension (mm)	565 x 340 x 250 mm
Packing size (cm)	61 x 38 x 30 cm
Gross weight (kg)	49kg
Net weight (kg)	46kg
Backup time	Inverter backup time (h) = battery capacity (Ah) / discharge current (A)
Battery mode	External Battery

Designed by Proflex International Electric Co., Ltd. USA

04

Product Path: IPS & INVERTER > PRNZ Low frequency power inverter with charger > PRNZ-6250D pure sine wave inverter with charger(LED colorful display)

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