

# Portable Solar Power Generator

- High efficiency up to 93%
- High surge power up to two times of nominal capacity
- True sine wave output (THD<3%)
- Robust enclosure for both interior and exterior installation
- Operating condition and battery status LED indicator
- Temperature controlled fan to enable forced ventilation
- AC transfer switch (either Utility or generator)
- 3-year global warranty
- Batteries inside, 200Ah x 1for 12V
- Battery Charger inside 30A/15A/7.5A
- MPPT Solar Charger inside 60A/25A

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**NPD-3000E/A**

Model	NPD-3000E	NPD-3000 A
<b>OUTPUT</b>		
Rated Power	3000W	
Max. Power	3450W 200 sec. / 4500W 10 sec.	
Surge power	6000W > 0.5 s	
AC Voltage	208/ 220/ 230/ 240VAC selectable by Tact SW	100/ 110/ 115/ 120VAC selectable by Tact SW
Frequency	50/60Hz selectable by Tact SW	
Waveform	True sine wave (THD<3%)	
AC Regulation (Typ.)	± 3%	
Front Panel Indicator	Battery voltage level, output load level, saving mode, fault and operation status	
Output Protection	AC Short, Overload, Over Temperature	
<b>AC INPUT (Generator or Grid)</b>		
Input Voltage (range)	-12.5% to +20% of Nominal Voltage	
Input Frequency (range)	40~70Hz	
Max. Input Current	15A	30A
Transfer Time (Typ.)	10ms inverter ↔ by pass	
<b>DC INPUT (Battery)</b>		
Battery Voltage(Typ.)	12Vdc	
Voltage Range	-12.5% to +25% of Nominal Voltage	
DC Current	320A	
Off Mode Current	≤ 1mA at Power Switch Off	
Efficiency	89%	
Battery Type / Battery Capacity (range)	Open & sealed lead acid battery / 200Ah	
Input Protection	Overload, Battery Polarity, Reverse by Fuse, Battery Low Shutdown, Battery Low Alarm	
<b>OTHER</b>		
Battery Charger	30A/15A/7.5A(option)	
MPPT Solar Charger	60A/25A(option)	
Dimension (W x H x D) (mm)	410 x 629 x 728.8	
Weight (kg)	98	
Working Temperature	-40 ~ +50°C @ 100% load ; 70°C @ 60% load	
Cooling	Temperature controlled fan	

\*\* All specifications are subject to change without notice. All Trademarks are the property of their owners.