

Balder 3000

The absolute protector

PN: PWUP-OL300BA-AZ01B

EAN: 6422956007867

Specifications

Capacity	3000 VA / 3000 W
Type	On-line
Input	
Nominal Voltage	230 VAC
Accepted Voltage Range	110-300 VAC \pm 5% @ 50% load 160-300 VAC \pm 5% @ 100% load
Nominal Frequency	50 Hz / 60 Hz (Auto Sensing)
Frequency Range	40Hz ~ 70 Hz
Power Factor	\geq 0.99 at nominal voltage (100% load)
Harmonic Distortion	\leq 5 % THD at nominal input voltage
Phase	Single phase with ground
Output	
Nominal Voltage	200*/208*/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)	\pm 1%
Frequency Range (Batt. Mode)	50 Hz or 60Hz \pm 0.1 Hz
Current Crest Ratio	3:1 (max.)
Harmonic Distortion	\leq 2 % THD (Linear Load) \leq 4 % THD (Non-linear Load)
Waveform (Batt. Mode)	Pure Sinewave
Transfer Time	
AC Mode to Batt. Mode	Zero
Inverter to Bypass	Typical 4 ms
Efficiency	
AC Mode	Up to 91 % at full charged battery
To Battery Mode	Up to 90 %
ECO Mode	Up to 97 % at full charged battery
Indicators type	
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions
Alarm	Load Capacity, Load & Battery level, AC mode, Battery mode, Bypass mode and Fault indicators etc.



True double conversion



Output Power Factor 1.0



Rack/Tower design

- Pure sine wave output
- On-line
- True Double Conversion
- Auto-Restart while AC is recovering
- Cold start
- Internal bypass
- External battery pack (optional)
- High efficiency up to 97%
- User-friendly and easy-shift LCD
- Generator compatible
- EPO function
- Software management
- Smart battery charger design to optimize battery performance

*Derate capacity to 80% when the output voltage is adjusted to 200VAC/208VAC.

Protection

Full protection	Overload, Discharge & Over-charge protection, Input spike protection, Over-temperature
Surge rating energy	624 Joules
Outlets type	
Input	1 x IEC-320 C20
Output	8 x IEC C13 + 1 x IEC C19 (4 x Programmable power management outlets)
Battery	6x CSB HR 1234W VRLA battery (included)
Battery Type & Number	Suports 6x 12V 9Ah
Function	Hot-swappable
Charging Current (Max.)	Default: 2A, Max: 8A (adjustable)
Charging Voltage	82.1 VDC ±1%
Typical Recharge Time	3 hours recover to 95% capacity for internal battery@ 2A charging current
Battery Compatibility	nJoy HR09122F
Running time on battery (minutes)	25% Load - 26 min 50% Load - 11 min 75% Load - 6 min 100% Load - 3 min

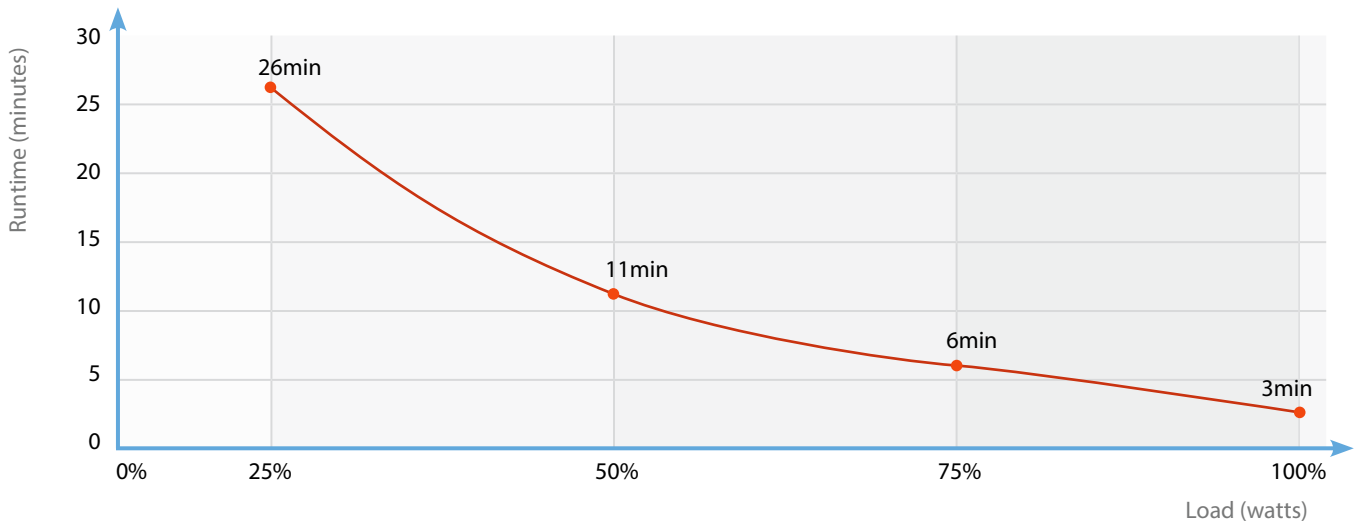


Environment

Humidity	0-95 % RH @ 0-40°C (non-condensing)
Operating Temperature	0 - 40 °C
Storage temperature	-15 – 45 °C
Noise level	Less than 50dB
Management	
Connection port	RS232 / USB / Intelligent Port (not included in the package)
Software	Online download (https://www.power-software-download.com/viewpower.html)
Software capability	Monitor & Control over USB, LAN and Internet (SNMP card optional)
Physical	
Product dimensions	630 x 438 x 88 mm (2U)
Product weight	27.5 kg



Running time on battery



Logistics

Carton Box Size (LxWxH)	700 x 565 x 200 mm
Pieces in the Carton Box	1
Net & Gross weight / CTN	N.W.: 27.5 kg / G.W.: 29.5 kg



Certificates

