

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	\geq 91 % at full charged battery
To Battery Mode	\geq 90 % at full charged battery
ECO Mode	\geq 95 % 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 96%
- 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)

Environment

Humidity 20-90 % RH @ 0-40°C
(non-condensing)

Noise level Less than 50dB

Battery

Battery Type & Number 6x CSB HR 1234W

Charging Current (Max.) Default: 2A, Max: 8A (adjustable)

Charging Voltage 82.1 VDC \pm 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



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)

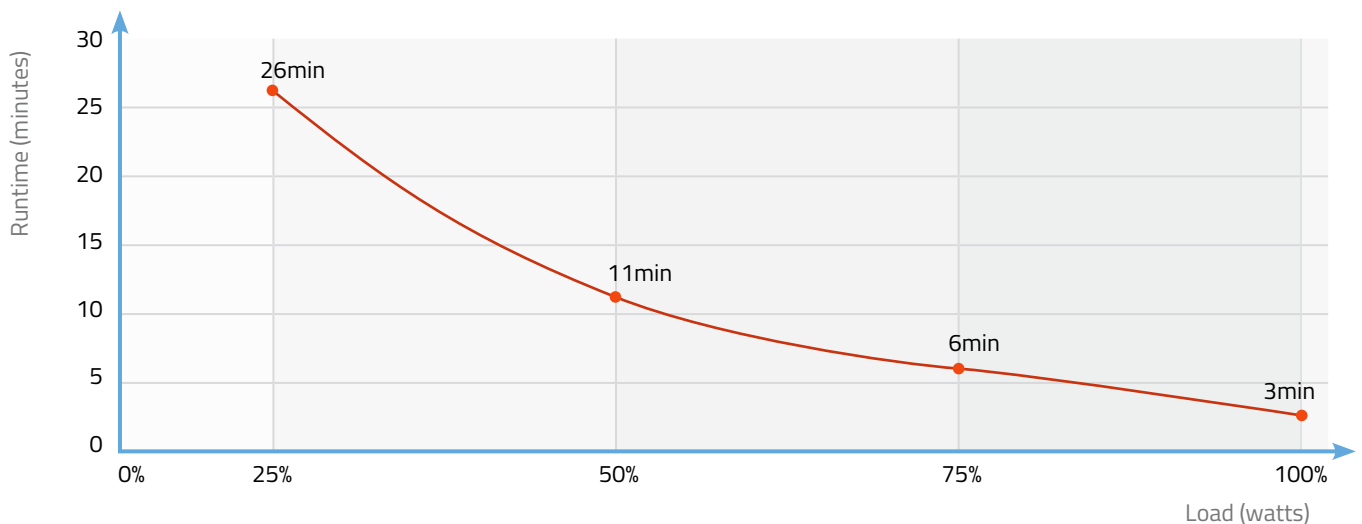
Physical

Product dimensions 630 x 438 x 88 mm

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

RoHS 2011/65/EU CE

