

Balder 6000

PN: PWUP-OL06KBA-AZ01B

EAN: 6422956006341

The absolute protector



True double-conversion



Output power factor of 1.0



Rack / Tower Design



★ Features

- ⊕ True Double Conversion Technology
- ⊕ Output Power Factor 1.0
- ⊕ Output voltage regulation < 1%
- ⊕ High efficiency up to 94%
- ⊕ Wide input voltage range (110-300 VAC)
- ⊕ Higher output crest ratio 3:1
- ⊕ Emergency power off function (EPO)
- ⊕ Optional N+X parallel redundancy
- ⊕ DSP technology guarantees high performance
- ⊕ External battery pack with built-in charger
- ⊕ Software Management
- ⊕ User-friendly and easy-shift LCD
- ⊕ Rack/Tower design

📄 Specifications

Capacity	6000 VA / 6000 W	Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz
Type	On line	Current Crest Ratio	3:1 (max.)
Input		Harmonic Distortion	≤ 1 % THD (Linear Load) ≤ 4 % THD (Non-linear Load)
Outlets type	Terminal Block Wiring	Transfer Time	
Voltage	208/220/230/240 VAC	AC to DC	Zero
Voltage Range	110~300 VAC at 0~60% Load 140~300 VAC at 60~80% Load 176~300 VAC at 80~100% Load	Inverter to Bypass	Zero
Frequency Range	46~54 Hz at 50Hz	Waveform (Batt. Mode)	Pure Sinewave
Harmonic Distortion (THDi)	<4% @100% Load, <6% @50% Load	Overload	
Phase	Single phase with ground	AC Mode	100%~110%: 10min; 110%~130%: 1min; >130% : 1sec
Power Factor	≥ 0.99 at nominal voltage (100% load)	Battery Mode	100%~110%: 30sec; 110%~130%: 10sec; >130% : 1sec
Output		Efficiency	
Outlets type	Terminal Block Wiring	AC Mode	94%
Voltage	208/220/230/240 VAC	Battery Mode	91%
AC Voltage Regulation	±1% (Batt. Mode)		
Frequency Range (Synchronized Range)	46~54 Hz at 50 Hz		

Visual and Sounding Alarm

Battery Mode	Sounding every 4 seconds
Low Battery	Sounding every second
Overload	Sounding twice every second
Fault	Continuously sounding

Battery

Battery Type	Depending on battery pack unit
Charging Current (Max.)	4.0 A
Charging Voltage	273 VDC (based on battery numbers at 20 pcs)

Indicators Type

LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions
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Running time on battery

2U Battery Pack (16 x 12V7Ah Batteries)

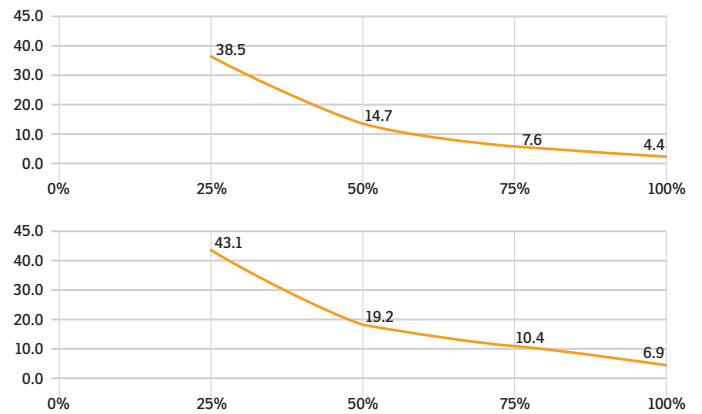
25% Load	- 38.5 min
50% Load	- 14.7 min
75% Load	- 7.6 min
100% Load	- 4.4 min

3U Battery Pack (20 x 12V9Ah Batteries)

25% Load	- 43.1 min
50% Load	- 19.2 min
75% Load	- 10.4 min
100% Load	- 6.9 min

Management

Connection port	RS232 / USB / Intelligent Port (not included in the package)
Monitoring	Monitor & Control over USB, LAN and Internet (SNMP card optional)
Software	Included
OS Support	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC
Environment	
Humidity	20-90 % RH @ 0- 40°C (Non-condensing)
Noise Level	Less than 55dB @ 1 Meter
Net Weight	
UPS Unit	14 kg
Dimension	
UPS Unit	600 x 438 x 88 [2U]



This graph is based on actual measured runtime data. All measurements were taken with new, fully charged batteries and a balanced resistive load (PF = 1.0). Actual runtimes may vary from the values of this graph. Actual runtimes are dependent on several variables including battery age, battery charge level, environmental conditions and characteristics of the connected load.

Logistics

Carton Box Size	600 x 438 x 88 mm (UPS Unit)
Pieces in the Carton Box	1 pcs / ctn
Net & Gross weight / CTN	N.W. / G.W.: 14 kg / 17 kg (UPS Unit)

Certificates

