

# Echo Pro 2000

Innovation is soundly protected

PN: UPOL-OL200EP-CG01B

EAN: 6422956009472

## Specifications

<b>Capacity</b>	2000 VA / 1600 W
<b>Type</b>	On-line
<b>Input</b>	
Nominal Voltage	220-240 VAC
Accepted Voltage Range	80 - 300 VAC
Nominal frequency	50Hz / 60 Hz - user selectable
Frequency Range	40 ~ 70 Hz
Input surge protection	375 Joules
<b>Output</b>	
Nominal Voltage	208/220/230/240 VAC – user selectable
AC Voltage Regulation (Batt. Mode)	±1%
Frequency Range (Batt. Mode)	50 Hz / 60Hz ± 0.5 Hz
Current Crest Ratio	3:1
Power Factor	≥ 0.99 @ nominal voltage (100% load)
Harmonic Distortion	≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)
Waveform (Batt. Mode)	Pure Sinewave
Transfer time	Typical 0 ms Eco mode 4 ms
Outlets type	4 x Schuko Battery Backup & Surge Protection
<b>Overload protection</b>	
Line mode	105%-110%, warning only (No shutdown) 110%-120%, transfer to bypass after 60s >120%, Transfer to bypass immediately
Battery mode	105%-110%, warning only (No shutdown) 110%-120%, shutdown after 10s >120%, shutdown immediately
Bypass mode	110%-130%, warning only >130%, shutdown immediately



4 x Schuko outlets with protection



ECO Mode for Energy Saving



Pure sine wave output

- Online (double conversion)
- Pure sine wave output
- Wide Input Range (80V-300V)
- Up to 96% Efficiency Rates
- Software management
- HID USB, RS2322, SNMP port communication
- Generator Compatible
- Auto-restart
- Auto-charge
- Low noise level

## Efficiency

To AC Mode	88%
To Battery Mode	85%
ECO Mode	96%
LCD Display	Load Capacity, Load & Battery level, AC mode, Battery mode, Fault indicators
Alarm	Load Capacity, Load & Battery level, AC mode, Battery mode, Fault indicators

## Environment

Humidity	0-90 % (non-condensing)
Temperature	0-40°C
Noise level	Less than 40dB

## Battery

Battery Type & Number	4 x GP07122F PN: BTVACGUOBT2FCN01B
Typical Recharge Time	4 hours up to 90% capacity
Running time on battery (minutes)	25% Load - 17 min 50% Load - 7 min 75% Load - 3 min 100% Load - 1 min



## Management

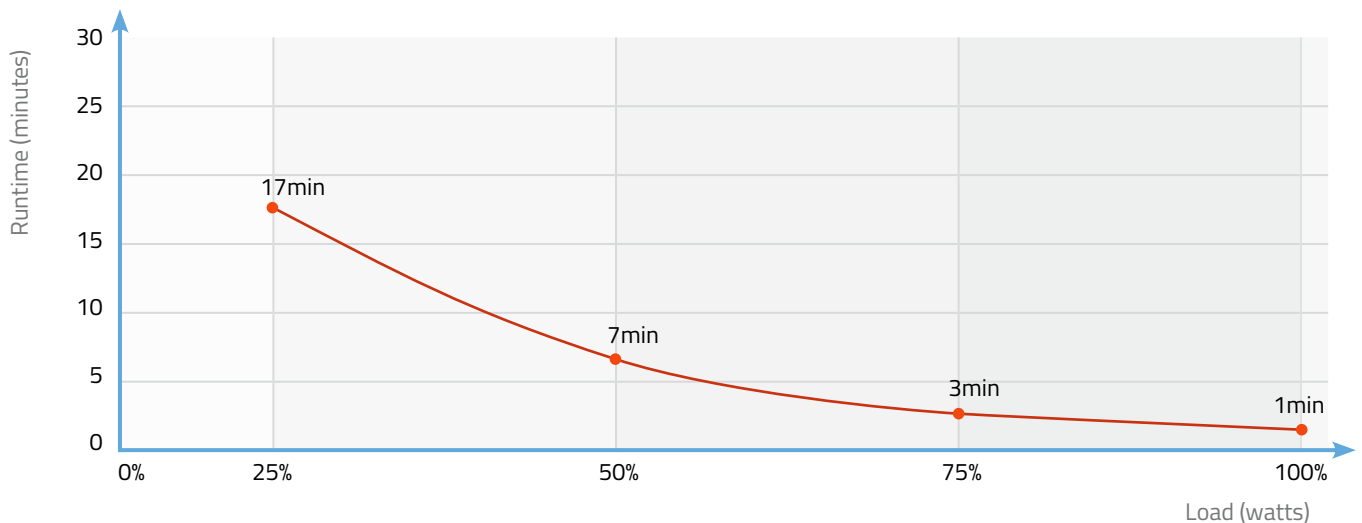
Connection ports	HID USB, RS232, EPO, SNMP
Software	<a href="http://www.powermonitor.software/#PowerGuideSoftware">http://www.powermonitor.software/#PowerGuideSoftware</a>

## Physical

Product dimensions	390 x 151 x 225 mm
Product weight	16.6 kg
Retail Pack Dimensions	510 x 241 x 313 mm
Retail Pack Weight	17.53 kg



## Running time on battery



## Logistics

Carton Box Size (LxWxH)	510 x 241 x 313 mm
Pieces in the Carton Box	1
Net & Gross weight / CTN	N.W.: 16.6 kg / G.W.: 17.53 kg



## Certificates

