

# Aten PRO 2000

The network sentinel

PN: PWUP-OL200AP-AZ01B  
EAN: 6422956007720

## Specifications

<b>Capacity</b>	2000 VA / 1800 W
<b>Type</b>	On line
<b>Input</b>	
Nominal Voltage	230 VAC
Accepted Voltage Range	120-300 VAC (Based on load at 50%) 180-280 VAC (Based on load at 100%)
Frequency Range	40Hz ~ 70 Hz
Power Factor	≥ 0.90 @ nominal voltage (100% load)
<b>Output</b>	
Output Voltage	200/208/220/230/240 VAC*
Voltage Regulation	±1%
Frequency Range (Synchronized Range)	57 ~ 63 Hz
Frequency Range (Battery Mode)	50 Hz or 60Hz ± 0.5 %
Waveform (Batt. Mode)	Pure Sinewave
Harmonic Distortion	3 % THD (Linear Load) 6 % THD (Non-linear Load)
Current Crest Ratio	3:1
<b>Transfer Time</b>	
AC Mode to Battery Mode	Zero
Inverter to Bypass	4 ms (Typical)
<b>Efficiency</b>	
To AC Mode	89%
To Battery Mode	85%
<b>Indicators type</b>	
LCD Display	Load level, Battery level, AC mode, Battery mode, Bypass mode and Fault indicators
<b>Alarm</b>	
Battery Mode	Sounding every 4 seconds

\* Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC



Pure Sine  
Wave Output



Zero  
Transfer Time



ECO Mode  
for energy saving

- True Double Conversion Technology
- Microprocessor control optimizes reliability
- Software Management
- Up to 90% Efficiency Rates
- Converter mode available
- Input power factor correction
- Output Power Factor 0.9
- LCD Display
- USB & RS232 Port Communication
- Smart SNMP card supported
- Tower topology
- Generator compatible

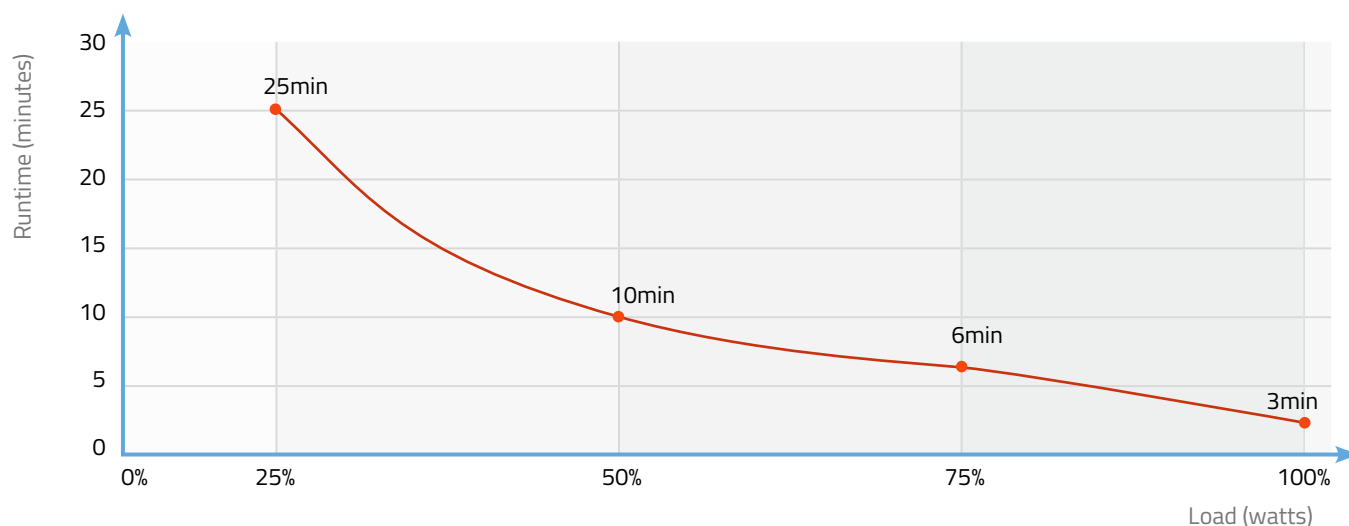
Low Battery	Sounding every second
Overload	Sounding twice every second
Fault	Continuously sounding
<b>Protection</b>	
Outlets type	3x Schuko Battery Backup & Surge Protection
Full protection	Overload, Discharge & Overcharge protection Input spike protection
Surge rating energy	760 Joules
<b>Environment</b>	
Humidity	20-90 % RH @ 0-40°C (non-condensing)
Noise level	Less than 50dB
<b>Battery</b>	
Battery Type & Number	12V 9Ah x 4
Battery Voltage	12V
Typical Recharge Time	4 hours up to 90% capacity
Charging Voltage	54.7 VDC ± 1%
Battery Compatibility	PW9123
Running time on battery (minutes)	25% Load - 25 min 50% Load - 10 min 75% Load - 6 min 100% Load - 3 min
<b>Management</b>	
Connection port	RS232 / USB / Intelligent Port






**Software capability** Monitor & Control over USB, LAN and Internet (SNMP card optional)

<b>Physical</b>	
Product dimensions	397 x 145 x 220 mm
Product weight	17 kg
Cable length	1.5 m
Retail pack dimensions	472 x 230 x 325 mm
Retail pack weight	18.1 kg

## Running time on battery



## Logistics

	Carton Box Size (LxWxH)	472 x 230 x 325 mm
	Pieces in the Carton Box	1 pcs / ctn
	Net & Gross weight / CTN	N.W. / G.W.: 17 kg / 18.1 kg

## Certificates

