



#### Lithium-ion UPS

UL Certifications include:  
1973, 991, 1998 and 1778

## LITHIUM-ION TECHNOLOGY IS CHANGING THE GAME.

With lithium-ion technology, the days of changing and disposing of old, heavy lead-acid batteries are over. Automotive-grade, lithium-ion delivers greater efficiency in UPS energy density and battery life while providing a much smaller footprint within the data cabinet.

The Active Energy AC6000 is the first line-interactive UPS designed to both protect IT equipment from power outages and to supplement the AC grid during peak energy consumption. The UPS operates with an input and output of 208 V or 240 V AC, supporting equipment drawing up to 6kW. The AC6000's power-dense 2U form factor also contains highly efficient power electronics with a state-of-the-art lithium-ion battery pack and management system. We believe it's the last UPS you'll ever need and it's made in the USA.

### PRODUCT FEATURES:

#### 6kW of Lithium-ion Power

- For 6 full minutes
- 330% increased life over lead acid

#### Fast Recharge

- 1 hour recharge to 90%

#### Maintenance Free/Service Free

- Up to 7 years of battery life

#### Compact Design

- 2U of rack space
- 50% - 75% lighter than lead acid

#### Advanced Battery Management

- Full state of health and charge
- Controls, protects and informs
- Thermal management of cells

#### Larger Operating Temperature

- Deliver full power and run-time, even at 40C

#### Peak Shave Capability

- Supplements the grid with available Lithium-ion power

#### Smart Communication

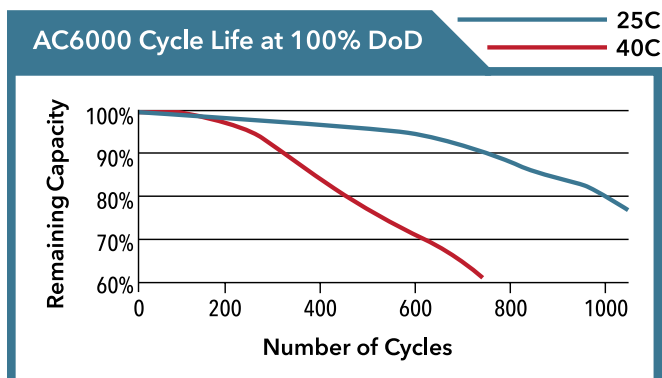
- Supports Serial & SNMP
- Remote HTTP dashboard
- Supports IPv4 and IPv6
- Multifunction LCD panel
- Reports critical performance metrics

#### Cost of Ownership

- No battery replacement necessary
- ROI in as little as 2 years
- Operational savings using "peak shave" feature

## A Battery For Life

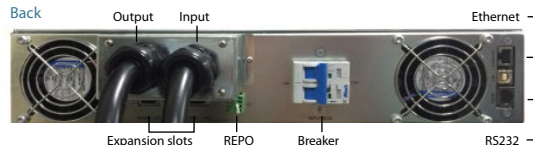
AC6000 Cycle Life at 100% DoD



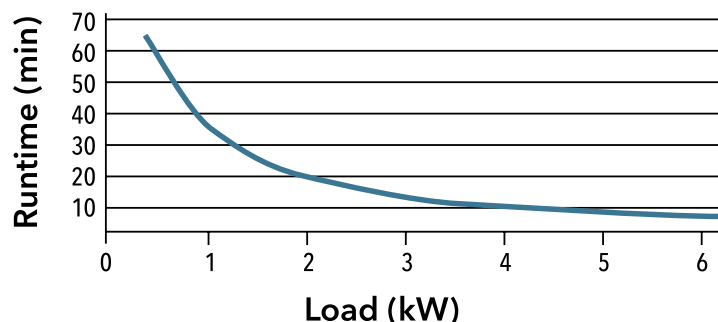
Front



Back



## AC6000 Runtime



INPUT SPECIFICATIONS	
Voltage	Single Phase 208/240 VAC (selectable)
International Voltage	230VAC (selectable)
Frequency	45 -65Hz auto sensing
Capacity	6000 W
AC Input Breaker Rating	50A
Power Factor	> 0.97
Input Connection (select one)	L6-30P, CS8264/5, Hardwire or IEC 60309 322C/P6
OUTPUT	
Voltage	Single Phase 208/240 VAC (selectable)
International Voltage	230 VAC (selectable)
Frequency	50/60Hz (selectable)
Topology	Line Interactive
Static Transfer Speed	<10ms
Efficiency	>93%
Rated Current @ 208V	26A with L6-30; 37A with CS8264/5 or hardwire
Overload Capacity	110% for 1 minute
Crest factor	2.1:1 (6kW)
THD in UPS mode Voltage	1.9% Voltage
Voltage Regulation -bypass mode	Maintains voltage range of 178 VAC to 264 VAC
Step Down Transformer Compatibility	AC6000 not compatible with step down transformers
BATTERY	
Battery Type	Lithium-ion 1.0 kW-h
Recharge Time	60 minutes to 90% 120 minutes to 100%
Expected Cycle Life	2000 + cycles (charge - discharge)
Backup Time	6 minutes Full Load (6000W) 12 minutes Half Load (3000W)
Battery Protection	Discharge, Overcharge, Thermal

SURGE PROTECTION	
Surge Energy Rating	215 Joules, Filtering - 1kV Diff; 2kV Comm. Per IEC 61000-4-5 Class A; meets FCC Part 15 Class A
COMM & MANAGEMENT	
Interface Ports	RS232, Ethernet and REPO Contact Closure
SNMP V2.0, V3.0	Yes - full function status & control
Internet Dashboard	Yes - full function status & control
Control Panel	Multi function LCD status and conditions
Audible Alarm	Audible alarms based on condition
Flash firmware updates	Yes - register upon delivery
Emergency Power Off (EPO)	Yes - N.O. / N.C.
Automated Orderly Shut Down	Server side application feature
PHYSICAL	
Dimensions	3.5 (2U) H x 19.0 W x 32.0 D in 8.89 H x 48.26 W x 81.28 D cm
Weight	85 lbs. (shipping weight 105 lbs.)
Color	Black Face, Silver Body
Enclosure	Zinc plated steel, complies with NEMA 1 and UL Type-1
ENVIRONMENTAL	
Operating Temperature Range	0° C to 40° C (32° to 104° F)
Storage Temperature Range	-20° C to 60° C (-4° to 140° F)
Humidity	0% to 95% Non-Condensing
Altitude	11,500 Feet (3,500 Meters) Above Sea Level
Heat Generation (BTU/Hr.)	1307
Cooling	Temperature monitored fans - rear exhaust

CERTIFICATIONS	
Regulatory Approvals	UL 1973, UL 1778, UL 991, UL 1998, UN-DOT 38.3, EN 55022, FCC Part 15 - Class A, IEC 60555.2/61000-3-2/61000-3-3, EN 62040-2, 61000-2-2, IEC 61000-4-(2, 3, 4, 5, 6, 8), EU Directive 2014/30/EU
Standard Warranty	3 years repair or replacement including battery
Optional Warranty	2 years extension including battery (5 years total)

### FOR ORDERING PURPOSES ONLY

#### Part Number Selection Guide

Peak Shave Option	CODE
Peak Shave Added .....	(P)
No-Peak Shave Added * .....	(A)
Termination Selection (Input / Output)	CODE
L6-30P/R .....	(A)
CS8264/5 50A P/R .....	(B)
Hardwire Terminals I/O * .....	(C)
Euro IEC 60309 332C/P6 P/R .....	(D)

No-Peak Shave Added      Hardwire Terminals I/O

\*Ex. 10100732A- **AC**

(Indicates the AC6000 UPS with No Peak Shave Added and Hardwire Terminals I/O)

For more information on Get the Lead Out Lease and Buy-Back Programs, please speak to a sales representative at (844) 869-3115.