

Excalibur



* EL3000/5000AL

Just like the legendary sword, the Excalibur series of UPS is all about protection. They cut through harmful unstable electric currents, and provide the utmost stable and clean current for your vital equipments. The Excalibur comes in two models : the Excalibur 3000 and the 5000. Both serve your every need, and provide ideal levels of power protection for manufacturing process control, servers, and telecommunication equipment. Trust the only name that is ready to protect your critical equipment.

Features:

1. LCD Display
2. Environmental friendly, less noise pollution
3. Energy saving unit, consumes less power
4. Easy installation
5. Transportable
6. Extra long backup time
7. Fast recharge time
8. Advanced CPU control provides the most stable system
9. Self-protection features available to detect any unit fault or problem
10. RS232 communication port
11. High efficiency AC mode, more than 85%
12. Specially designed for office equipments, such as PC and Xerox machines
13. ISO-9001, International Standard
14. CE, TUV/GS Standard Certifications
15. Smart power management software

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Excalibur Specifications

Model Name	EL3000-AL	EL5000-AL
Topology	Line-Interactive	
On-battery Output Waveform	Pure Sine Wave	
INPUT		
Maximum Capacity	3000VA / 1800W	5000VA / 3000W
Nominal Input Voltage	1x0Vac / 2x0Vac	
Nominal Input Frequency	50Hz / 60Hz Auto Sensing	
Input Voltage Range	1x0Vac / 2x0Vac +/- 25%	
OUTPUT		
Nominal Output Voltage	1x0Vac / 2x0Vac	
Output Voltage Range	Rated Voltage +/- 5%	
Transfer Time (Typical)	4ms	
Nominal Output Frequency	50Hz / 60Hz Auto Sensing	
Automatic Voltage Adjustment	When the input voltage is 9 % to 25 % lower than the mains electricity, AVR automatically raises the voltage by 15% When the input voltage is 9 % to 25 % higher than the mains electricity, AVR automatically lowers the voltage by 15%	
PROTECTION & FILTERING		
Surge Protection	320J, 2ms	
Overload Protection	When the load is more than 110%, the UPS will automatically shut down in 20 seconds When the load is more than 125%, the UPS will automatically shut down in 5 seconds	
EMI / RFI Filter	10db at 0.15 MHz, 50db at 30MHz	
Short Circuit	Immediately cut off the output or switch off the input protection switch	
Data Line Surge Protection	RJ11 / RJ45	
BATTERY		
User Replaceable Batteries	12V/100AH (4 set x 4 pcs)	12V/100AH (2 set x 6 pcs)
Charging Current	10A	
Backup Time	> 8 hours	
ADVANCED WARNINGS/DIAGNOSTICS		
Battery Protection	Over-discharge protection and battery error display	
Battery Mode	Alarm sound (once every 4 seconds)	
Battery Low Voltage	Alarm sound (once every 1 second)	
Overload	Long alarm sound	
ENVIRONMENTAL		
Working Environment	3000 meters max. Humidity 0 ~ 95 % (no condensation), temperature 0 ~ 48 C	
Storage Elevation	0~15000 meters	
Audible Noise	< 45 dBA	
PHYSICAL		
Physical / Packing (mm / in)	820 x 555 x 250 / 32.3 x 21.9 x 9.8	820 x 555 x 295 / 21.9 x 32.3 x 11.6
Weight (Net / Gross) (kg / lbs)	TBD	41 / 45 (90.4 / 99)

Specifications are subject to change without notice.



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