

Lite Series

500 – 3000 VA

Line Interactive



2000 – 3000 VA



500 – 1500 VA

TM

Product

The Lite Series includes models of 500-600-800-1000-1200VA-1500 VA. Designed to protect your power for personal computers, it provides comprehensive protection in a small and economic package. It is not only offers greater comprehensive power protection against surges and spike, but also provide pure voltage with built in Automatic Voltage Regulator. The UPS will continue providing clean and sable power to the connected equipment while embedded microprocessor controller guarantees high reliability, perfect for any home or small office application.

The Lite series uses Line Interactive with high efficiency and high reliability.

When the load is supplied from the mains, the automatic voltage regulator (AVR) and EMI filters stabilizes power and suppress atmospheric disturbances. When the mains fails, the load is powered from a pseudo-sine wave inverter, to provide sufficient runtime for computer system shutdown

Features

- Advanced AVR for voltage stabilization
- CPU controlled
- Auto re-start when AC recovers
- Silence setup
- Automatic charging (offline charging)
- Battery low voltage protection
- Overload & short circuit protection
- Wide input voltage range
- Offering LED and LCD panels for selection
- Optional USB/RS232/RJ45 communication port

Application

- Personal computer
- TV/FAN/Microwave oven/Washing machine
- Air conditioner
- Refrigerator/Freezer
- POS terminals
- Security system
- Servers and workstations
- Fax machine

Model	Lite500	Lite600	Lite800	Lite1000	Lite1200	Lite1500	Lite2000	Lite2000	Lite3000
Capacity	500VA/ 300W	600VA/ 360W	800VA/ 480W	1000VA/ 600W	1200VA/ 720W	1500VA/ 900W	2000VA/ 1200W	2000VA/ 1200W	3000VA/ 1800W
Input									
Input Voltage	110/120Vac or 220/230/240Vac								
Input Voltage Range	85-150Vac or 145-290Vac				84-145Vac or 145-290Vac		84-145Vac or 175-275Vac		
Frequency Range	45-65Hz								
Output									
Output Voltage	110/120Vac or 220/230/240Vac								
Output Voltage Range	102-132Vac or 200-255Vac						102-132Vac or 198-242Vac		
Output Frequency	60±0.5Hz or 50±0.5Hz (Battery mode)								
Output wave Form	PWM (Battery mode)								
Transfer Time	Typical 2-6ms, 10ms max.								
Battery									
Q'ty & Capacity of Battery	12V/ 4.5Ahx1pcs	12V/ 7Ahx1pcs	12V/ 9Ahx1pcs	12V/ 7Ahx2pcs	12V/ 7Ahx2pcs	12V/ 7Ahx2pcs	12V/ 9Ahx2pcs	12V/ 7Ahx4pcs	12V/ 9Ahx4pcs
Charging Period	4-6 hours recover to 90% capacity								
Protection									
Full Protection	Low voltage & overload & short circuit protection								
Indicator									
LCD or LED	Optional								
Interface									
USB/RJ45 or None	Optional, support can support Windows, Linux, Unix and MAC								
Environment									
Operation Temperature	0-40 °C								
Humidity	20-90% (Non-condensing)								
Noise Level	≤40dB (1m away)								
Altitude	The altitude should not exceed 1000m,and the height above 1000m should be reduced to a maximum of 4000m.Refer to IEC62040								
Physical									
Net Weight (kg)	3.6	4.3	4.7	8.5	9.5	11.5	14.7	17.8	20
Unit Dimension (mm)	255x98x140	300x95x140		330x122x192			345x122x192	412x145x210	