



Outdoor UPS is the ideal solution for providing maximum protection and power quality for outdoor communication equipment, industrial and network equipment.



Alarm & security systems



Extreme weather



Transportation



Critical buildings



Telecom

# Outdoor Lite-S

## Line Interactive UPS

### 2KVA

[www.itapower.it](http://www.itapower.it)



# Outdoor Lite-S UPS

Line Interactive UPS

2KVA



The battery backup system provides constant and reliable backup power to outdoor equipment. It consists of Uninterruptible Power Supply (UPS) System and optional Power Transfer Switch (PTS) that provide backup power when the line is unqualified. These components should be mounted inside an enclosure to provide protection from most weather conditions. It is an excellent choice for medium and large facilities.

## highlights

- ① Provides continuous power to critical loads during blackout in rugged environment
- ① Wide operating temperature range from  $-40$  to  $80^{\circ}\text{C}$  for 120V model &  $-40$  to  $70^{\circ}\text{C}$  for 230/240V model
- ① PCBAs are coated with paint for anti-moisture, anti-electric leakage, anti-dust and anti-corrosion
- ① Circuit breaker protection on AC input, AC output and external battery input
- ① Selectable transfer time for normal / generator mode
- ① Provides RS-232, USB communication port
- ① Built-in boost and buck AVR to regulate input voltage
- ① Battery compensation design will optimize battery life cycle
- ① Provides programmable signals for dry contacts
- ① User-adjustable charging current

MODEL	LITES-2000A	LITES-2000E
<b>Rated Power</b>	<b>2000VA/1600W</b>	
<b>INPUT</b>		
Nominal Voltage	120 VAC	230/240 VAC
Acceptable Voltage Range	88 ~152 VAC user programmable. Default: 100 ~ 130VAC	176 ~ 300VAC user programmable. Default: 200 ~ 260VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)	
<b>OUTPUT</b>		
Nominal Voltage	120 VAC	230/240 VAC
Voltage Regulation (Batt. Mode)	120 VAC $\pm$ 5%	230/240 VAC $\pm$ 5%
Output Frequency	50Hz/60Hz $\pm$ 0.1%	
THD (Batt. Mode)	<3% @ Full resistive load	
Efficiency	Line Mode	95%
	AVR Mode	90%
	Battery Mode	90%
Transfer Time	Normal Mode (max.)	12ms
	Generator Mode (max.)	25ms
Waveform	Pure sine wave	
<b>BATTERY</b>		
Nominal DC Voltage	48VDC	
Low DC Warning Voltage	42 ~ 55VDC adjustable	
Battery Type	AGM	
Charging Current	2A/4A/6A/8A/10A (Adjustable)	
<b>INDICATORS</b>		
Bypass Mode	Green LED on	
Battery Mode	Green LED flashing	
No Output	Green LED Off	
Warning with Output	Yellow LED on	
Fault without Output	Red LED on	
<b>MANAGEMENT</b>		
Communication	RS-232/USB and optional SNMP	
Dry Contact Rating	3A @ 125VAC	3A @ 250VAC
<b>PHYSICAL</b>		
Dimension, D X W X H (mm)	240 x400 x 133	
Net Weight (kgs)	12,5	
Type of Mechanical Protection	IP 20	
<b>OPERATING ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-40°C to 80 °C	-40°C to 70 °C
Noise Level	< 48dB	
<b>COMPLIANCE</b>		
EMI Compliance	Class A FCC/CISPR [EN50091-2: 1995]	
Surge Protection	IEEE/ANSI C.62.41 & 2KV, L-N	

\* Product specifications are subject to change without further notice