

# Outdoor UPS

Pure Sine Wave Line Interactive  
500VA ~ 3000VA



Pure sine wave interactive outdoor UPS is specially designed for outdoor communication equipment, networking equipment, traffic control system and other applications of city corner, countryside, or mountainous area. High temperature resistance, frost resistance, corrosion resistant, dust prevention, and water resistance are based. With advanced functions like wide range of input voltage and frequency, high reliability, energy saving, environmental protection, anti-thunder, remote control, remote detection, our UPS can guarantee stable power supplying to communication, networking, traffic control and other device. It is a type of ideal helpmate for running these important outdoor devices.

Features

- Strong environmental adaptability
- High reliability, energy saving, environmental protection
- Wide adaptability to power grid
- Unattended and intelligent monitoring (option)
- Inverter isolation & pure sine wave technology
- Online UPS protection function
- Intelligent no-load shutdown (option)
- Auto restart when mains power is restored



Specifications

MODEL	500VA	1000VA	2000VA	3000VA
Power	300W	600W	1200W	1800W
DISPLAY				
Panel indicator	LED / LCD (customized)			
MAINS STATES				
Load	PC, Banking system, ATM, medical system			
Input voltage range	100V / 110V / 120V / 220V / 230V / 240V ± 25% / -35% -25% (customized)			
Input frequency range	45 ~ 65 Hz (over-frequency automatically transfer to inverter power)			
Stable output voltage range	100V / 110V / 120V / 220V / 230V / 240V ± 10%			
Input P.F. ( AC/DC )	98%			
Efficiency	Mains mode ≥ 96%			
Mains overload	110% in 60s transfer to bypass power, 120% in 30s transfer to bypass power, automatically recover when decrease the load			
Short circuit	Input fuse			
INVERTER STATES				
Inverter output voltage	100V / 110V / 120V / 220V / 230V / 240V ± 5% (battery ≥ 11Vdc)			
Output frequency	50 Hz / 60Hz ± 1% frequency adaptive			
Output power factor	≥ 0.6			
Waveform distortion	Linear load ≤ 5%			
Transfer time	5 ms typical Max.8 ms			
Efficiency	Inverter mode ≥ 75%			
Inverter overload	110% shutdown in 60 s; 120% shutdown in 5 s			
No-load shut-off (option)	load < 5% auto shutdown in 1 min			
Short circuit	the system automatically shut down			
ALARM				
Mains abnormal	1 / 4 s, be silent in 40 s			
Low battery	1 / 0.2 s			
Overload	1 / 1 s			
BATTERIES				
DC voltage	24 Vdc		48 Vdc	
Inner battery space	2 × 38Ah / 2 × 120Ah		4 × 38Ah	4 × 120Ah
Charging current	Max. 12A			
Communication interface (Option)	Dry contacts / RS232 / USB / SNMP			
OTHERS				
Installing	Floor-type or Wall-hang			
Surge protection	Class C			
Safety	GB4943-2001, IEC IEC62040-2:2006			
EMC	EA50091-2; IEC62040-1:2006; EA61000-3-2:2006; EA61000-3-3:2008			
Protection grade	IP55			
Environmental temperature	0℃ ~ 50℃ (-30℃ option)			
Environmental humidity	10% ~ 95% ( no cooling)			
Noise	≤ 50dB			
Weight (kg)	17.5 / 36.7		36.7	60.7
Dimensions (mm) W×D×H	430×245×550 / 470×245×900		470×245×900	800×560×1100
Packaged dimensions (mm) W×D×H	500×330×620 / 540×330×980		540×330×980	948×648×1142

Remark: 1 ) All specifications subject to change without notice.  
2 ) Discharge time depends on the battery capacity and the load speciality, it goes by the actual configuration.