



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



Alarm & security systems



Extreme weather



Transportation



Critical buildings



Telecom

Outdoor Online UPS with cabinet

Online Single Phase UPS

1KVA ~ 10KVA

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Outdoor Online UPS with cabinet

Single Phase Online
1KVA ~ 10KVA



Online outdoor UPS is the ideal solution for providing maximum protection and power quality for outdoor communication equipment and network equipment. It has an effective design of high-temperature resistance, cold resistance, salt-spray resistance, corrosion resistance, dust prevention, water resistance and lightning protections, and it is featured with wide range of input voltage and frequency, sinusoidal, stable and reliable output waveform. It provides significant further immunity from mains disturbances and mains power outage for network communication equipment. Therefore, this series UPS are widely used in the outdoor communication base station applications in fields such as communication, radio & television and aviation. It an excellent choice for medium and large facilities.

highlights

- ① Strong environmental adaptability
- ① Strong adaptability to power grid
- ① Variety of accessories base on demands
- ① Advanced technology and powerful functions
- ① Adopt DSP technology to simplify the control



Model	SMO01	SMO02	SMO03	SMO06	SMO10
Capacity	1KVA/0.8KW	2KVA/1.6KW	3KVA/2.4KW	6KVA/4.8KW	10KVA/8KW
Nominal Voltage	220/230/240VAC				
Frequency	50Hz/60Hz				
Input					
Voltage Range	115~295VAC (±3VAC)			176~297VAC (±3VAC)	
Frequency Range	50Hz (46~54 Hz); 60Hz (56~64 Hz)				
Soft Start	0~100% 5sec				
Power factor	0.98				
Output					
Voltage Precision	220/230/240VAC x (1±2%) VAC				
Frequency Precsion	50Hz/60Hz ±0.05Hz				
Power Factor	0.8/0.9 (optional), standard 0.8				
Wave Distortion	Linear load <3%, Non-linear load <6%				
Overload Capability	Overload (110~150%) for 30 seconds, automatically transfer to bypass. When the load is back to normal, it can automatically transfer to online mode.				
Crest Factor	3:1				
Transfer Time	0ms (AC to DC)				
DC Supply Voltage	36VDC	72VDC	96VDC	192VDC	240VDC
Charging Current	4A/8A (optional)	4A/8A (optional)	4A/8A (optional)	4.2A	4.2A
Internal Battery Capacity	(38/65/80/100AH) optional				
Panel Display					
LCD	Load level, Battery level, Battery indicator, Utility power, Inverter, Bypass, Overload, Fault				
Communications					
Communicate Interface	RS232, SNMP card (optional)				
Work Environment					
Temperature	-40℃~55℃				
Humidity	0~95% (Non-condensing)				
Storage Temperature	-25℃~55℃				
Elevation	<1500m				
IP Class	IP55 with FANs, and IP56 with AC				
Physical Characteristics					
Net Weight (without battery)	85KG	125KG	125KG	150KG	150KG
Dimensions: (WxDxH)mm	613*640*954	650*753*1227	650*753*1227	940*940*1770	940*940*1770

Product specifications are subject to change without further notice.