

# 1-3kVA ONLINE OUTDOOR POLE MOUNT UPS WITH LITHIUM BATTERY



An outdoor UPS (Uninterruptible Power Supply) is a type of power protection equipment designed to operate in outdoor environments. These UPS systems are specifically engineered to withstand environmental elements such as temperature variations, humidity, and exposure to dust or water. They are commonly used to provide reliable and continuous power to outdoor equipment or installations that are critical for various applications.



## GENERAL FEATURES

- Provides a pure uninterrupted AC sine wave power supply for the outdoor communication / network equipment.
- The use of high temperature, anti cold, salt spray, anti-corrosion, anti dust, waterproof, lightning protection design.
- IP 56 Protection
- Advanced MCU microprocessor control Technology, ensure long life reliability.
- Excellent Protection against over voltage, overload, over current, overcharge.
- Galvanized sheet ensures excellent corrosion resistance
- RS 232 Communication
- Built-in SNMP card for remote monitoring.
- The integration of an AC unit will extend the operating temperature range up to 70°C
- Cabinet can be mounted on a pole or on a wall
- Pole and wall Mounting Accessories along with UPS

## SPECIFICATIONS

MODEL		1kVA	2kVA	3kVA
Capacity	VA/W	1000VA/900W	2000VA/1800W	3000VA/2700W
Input	Nominal voltage	200/220/230/240VAC		
	Voltage Range	115~295VAC		
	Frequency Range	50Hz/60Hz (46~54Hz; 56~64Hz)		
	Phase	Single phase with Ground		
	Power Factor	0.98		
Output	Voltage	220/230/240 (1±2%) VAC		
	Frequency	50/60Hz ±0.05Hz		
	Wave Form	Pure sine wave		
	Power Factor	0.9		
	Harmonic Distortion	≤3% THD (Linear load); ≤6% THD (Non-Linear load)		
	Overload Capacity	110%~150% For 30seconds, Automatically transfer to bypass. When the load is back to normal, it can automatically transfer to online mode		
	Current Crest Ratio	3:1		
Battery	Transfer time	0ms (AC to DC)		
	DC voltage	48VDC		
	Battery Capacity	LiFePO4 Battery Pack 51.2VDC 50Ah or 51.2VDC 100Ah		
	Charging Current (MAX)	4A		
	Charging Voltage	54.0VDC		

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Features	Bypass	Automatic Transfer on overload and UPS failure Before UPS Power-on
	LCD Indicators	Load Level, Battery Level, Battery Indicator, Utility Power, Inverter, Bypass, Overload, Fault.
	Audible Alarm	Bypass, Battery mode, Battery low, Overload, Fault
Communications	RS 232 Serial Port	Software support Windows family software.
	SNMP Card	Built-in for remote monitoring
Environmental	Operating Temperature	-40°C ~ 55°C (Optional AC 0-70°C)
	Storage Temperature	-25°C~55°C
	Operating Humidity	0-95% (No condensation )
	IP Rating	IP 56
	Weight (kg) (Without Battery)	85
UPS Dimension	W x D x H (mm) (Cabinet)	542x332x626

\*Product specifications and appearances are subject to change without prior notice

\*Please note that the dimensions of the outdoor cabinet may vary depending on changes in battery capacity.

## ORDERING INFORMATION

Part Number	Description
CN80150OD-LI	1kVA Online Outdoor Pole/Wall Mount UPS with 48V 50Ah Lithium Battery
CN80250OD-LI	2kVA Online Outdoor Pole/Wall Mount UPS with 48V 50Ah Lithium Battery
CN80350OD-LI	3kVA Online Outdoor Pole/Wall Mount UPS with 48V 50Ah Lithium Battery
CN801100OD-LI	1kVA Online Outdoor Pole/Wall Mount UPS with 48V 100Ah Lithium Battery
CN802100OD-LI	2kVA Online Outdoor Pole/Wall Mount UPS with 48V 100Ah Lithium Battery
CN803100OD-LI	3kVA Online Outdoor Pole/Wall Mount UPS with 48V 100Ah Lithium Battery

## COMPATIBLE ACCESSORIES

Part Number	Description
CN300DC01	Air Conditioner (300W DC) for 1kVA Outdoor UPS
CN500AC23	Air Conditioner (500W AC) for 2-3kVA Outdoor UPS