

# Outdoor Series

For telecommunication stations or automation control equipment for outdoor environment

OD330 / OD330-AL / OD500 / OD1000



\* OD330-AL  
OD500 / OD1000



\* OD330

## OD330 / OD330-AL / OD500 / OD1000

Outdoor UPS is designed for telecommunication equipment, surveillance systems, illumination, gates. These units are made to withstand the outside weather changes. They are waterproof and can operate in high heat or low temperature climates. They incorporate such technological features as AVR, which stabilizes the voltage that feed into your system, and Auto Restart, which automatically turns UPS on once the main electrical power is restored after a prolonged blackout.

### Features

- \* These UPS are made to be either wall mounted or used as a tower
- \* The battery charger is one of the fastest in the market
- \* Up to 8 hours of backup time
- \* LED display: battery backup, battery mode, battery fault
- \* EMI/RFI filtering
- \* IEC529, IP-56 certified

### Specifications

Model Name	OD330	OD330-AL	OD500	OD1000
Topology	Line-Interactive			
On-battery Output Waveform	Simulated Sine Wave			
<b>INPUT</b>				
Maximum Capacity	330VA / 200W	330VA / 200W	500VA / 300W	1000VA / 600W
Nominal Input Voltage	100 / 110 / 120 Vac or 220 / 230 / 240 Vac			
Nominal Input Frequency	50Hz / 60Hz Auto Sensing			
Input Voltage Range	Nominal +/- 30%			
<b>OUTPUT</b>				
Nominal Output Voltage	100 / 110 / 120 Vac or 220 / 230 / 240 Vac			
Output Voltage Range	Rated Voltage +/- 5% (on battery)			
Nominal Output Frequency	50Hz / 60Hz Auto Sensing			
Automatic Voltage Adjustment	When the input voltage is 9% to 15% lower than the mains electricity, AVR automatically raises the voltage by 15% When the input voltage is 9% to 15% higher than the mains electricity, AVR automatically lowers the voltage by 13%			
Start on Battery	Yes			
Auto Restart	Yes			
<b>PROTECTION &amp; FILTERING</b>				
Surge Protection	250J, 2ms			
Overload Protection	When the Load is more than 110%, the UPS will automatically shut down in 60 seconds When the Load is more than 130%, the UPS will automatically shut down in 3 seconds			
EMI / RFI Filter	10db at 0.15 MHz, 50db at 30MHz			
Short Circuit	Immediately trips off the input or output circuit breaker			
Ingress Protection	IP56 according to IEC529			
<b>BATTERY</b>				
User Replaceable Batteries	12V/100AH x 1 (optional)	12V/100AH x 2 (optional)		
Charging Current	5A / 10A / 15A / 20A			
Battery Protection	Discharge low voltage protection, battery failure warning			
<b>ADVANCED WARNINGS / DIAGNOSTICS</b>				
Front Panel	AC Mode / Battery Mode / Battery Fault			
Mains Electricity Normal	Green light is on			
Battery Mode	Orange light is on			
Battery Fault / UPS Fault	Red light is on			
<b>ENVIRONMENTAL</b>				
Working Environment	-20 C° ~ 60 C°, max. altitude 3500m, 0~95% relative humidity (without condensation)			
Storage Elevation	0~15000 meters			
Audible Noise	< 50db (1 meter away from the UPS surface)			
<b>PHYSICAL</b>				
Dimensions (Physical/Packing) (in)	21 x 12.2 x 22.8 / 23 x 15.2 x 26.8		21 x 12.2 x 34.3 / 23 x 15.2 x 38.2	
(mm)	535 x 310 x 580 / 585 x 385 x 680		535 x 310 x 870 / 585 x 385 x 970	
Weight (Net / Gross) (kg)	16 / 18		23 / 27	
(lbs)	35.2 / 39.6		50.7 / 55.1	
Input / Output Connections	Terminal blocks			

Specifications are subject to change without notice.

