



**Uninterruptible Power Supply**

## AD Series

### *DC uninterruptible Power Supply*



The DC UPS use the on-line structure to provide the constant power without interruption. The multi channel outputs use independent fuses for protection.

The quick response short circuit protection limit the maximum output current and prevent the fuse from burning.

The smart interface help user to monitor the battery condition, utility power condition and status.

### Features :

- Used as power and charging device
- Short circuit protection for outputs
- Total discharge protection
- Soft start characteristic
- Smart battery condition monitoring
- Battery hot-swappable
- Zero interruption
- Wide input range (130-280Vac). 50/60Hz
- Air flow design with constant speed fan

### Options :

- Support different interface : USB, RS-232 and SNMP
- Remote battery discharge test
- Battery temperature sensing



Model	AD-1000	AD-1500
Power Rating	1000W	1500W
Input voltage	135 ~ 285Vac	
frequency	50/60Hz	
Output voltage	44Vdc ~ 56 Vdc	
Charge close voltage at 20°C	55.20 VDC, with temperature compensation	
Max. Charging current (No consumer current)	21A	30A
Environmental temperature range	0 ~ 40°C	
Emergency power batteries	48V, 100-250Ah	
Battery Connections	12V: connected 4 pieces in series 24V: connected 2 pieces in series	
Low battery signal	At approx. 44 VDC Total	
Cooling	Natural cooling (Fanless)	
Protection	<ul style="list-style-type: none"> <li>● Overload / Short Circuit Protection</li> <li>● Over Voltage Protection</li> <li>● Over Temperature Protection</li> <li>● Low Battery Cut off</li> <li>● Fuse for Positive Polarity – negative polarity wrong connection</li> </ul>	
Device weight	6.5kg	6.8kg
Dimensions:	2u x 50cm	
Standards	Safety - EN60950	
Indicator	As following table	
Package	1 piece / CTN using cushion to fixed device	

#### Front panel Display

	Input	Output	Charging	Battery
<b>LED Row 1</b>	<b>Green</b> / AC OK	<b>Green</b> / DC output OK	<b>Green</b> / Fully Charged	<b>Red</b> / Battery Replacement
<b>LED Row 2</b>	<b>Yellow</b> / Blackout	<b>Yellow</b> / Over load or short circuit	<b>Yellow</b> / In charging	<b>Yellow</b> / Battery low



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**U PROTECT**

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