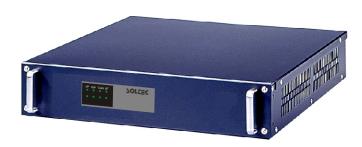


## **AD Series**

## 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-swppable
- 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 sensoring







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℃	55.20 VDC, with temperature compensation		
Max. Charging current (No consumer current)	21A	30A	
Environmental temperature range	0 ~ 40℃		
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> <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	
LED	Green / AC OK	<b>Green</b> / DC output	<b>Green</b> / Fully	Red / Battery	
Row 1		OK	Charged	Replacement	
LED	Yellow / Blackout	Yellow / Over load	Yellow / In	Yellow / Battery	
Row 2		or short circuit	charging	low	







