

DC uninterruptible power supply – AD series - 1U

| Model | AD-100L | AD-150L | AD-200L | AD-300L |
|---|---|--------------|-----------|-----------|
| Power Rating | 100W | 150W | 200W | 300W |
| Input voltage | 135 ~ 285Vac | | | |
| Input current @220VAC | Approx.1A | Approx. 1.5A | Approx.2A | Approx.3A |
| 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) | 2.2A | 3.3A | 4.4A | 6.6A |
| Max. allowable constant consumer current | 2A | 3A | 4A | 6A |
| Environmental temperature range | 0 ~ 40°C | | | |
| Emergency power batteries | 48V, 120Ah (max. charging current @6.6A)* | | | |
| 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"> • Overload / Short Circuit Protection • Over Voltage Protection • Over Temperature Protection • Low Battery Cut off • Fuse for Positive Polarity – negative polarity wrong connection | | | |
| Device weight | 3.4kg | 3.5kg | 3.9kg | 4.1kg |
| Dimensions: | 1u x 40cm | | | |
| Battery Input | Anderson * 1 | | | |
| I/O Switch | Power on / off * 1 | | | |
| AC Input | IEC socket * 1 | | | |
| DC Output | Multiple screw terminals block * 2 | | | |
| Standards | Safety - EN60950 | | | |
| Indicator | As following table | | | |
| Package | 1 piece / CTN using cushion to fixed device | | | |
| Accessory (not included, except specified) | <ol style="list-style-type: none"> 1. Power Cable IEC to any Type * 1 2. Mounting bracket * 2, Screw * 6 (included) 3. Battery charger cable Anderson to 250 Terminal | | | |

* PS. Recommended battery size is 60Ah for charging current 6.6A & 20Ah for 2.2A.

Front panel Display

| | Input | Output | Charging | Battery |
|------------------|----------------------|-----------------------------|------------------------------|----------------------------------|
| LED Row 1 | Green / AC OK | Green / DC output OK | Green / Fully Charged | Red / Battery Replacement |

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| | | | | |
|----------------------|--------------------------|---|--------------------------------|--------------------------------|
| LED Row 2 | Yellow / Blackout | Yellow / Over load or short circuit | Yellow / In charging | Yellow / Battery low |
|----------------------|--------------------------|---|--------------------------------|--------------------------------|