

DRC-60A



- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Battery low protection / Battery reverse polarity protection by fuse
- Can be installed on DIN rail TS-35/7.5 or 15
- Alarm signal for AC OK and Battery low via relay contact
- Cooling by free air convection
- Pass LPS
- LED indicator for power on
- 100% full load burn-in test
- 3 years warranty

Rating: Not Rated Yet

Price

Sales price without tax 47,50 €

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Manufacturer [Maker: Mean Well](#)

| Description | | SPECIFICATION | |
|-------------|------------------|---------------|---------|
| | | MODEL | DRC-60A |
| OUTPUT | OUTPUT NUMBER | CH1 | CH2 |
| | DC VOLTAGE | 13.8V | 13.8V |
| | RATED CURRENT | 2.8A | 1.5A |
| | CURRENT RANGE | 0 ~ 4.3A | ----- |
| | RATED POWER | 59.34W | |
| | RIPPLE & NOISE (| 120mV p-p | ----- |
| | Note.2 | | |

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| | VOLTA GE ADJ. RANGE | CH1:12 ~ 15V |
| | VOLTA GE TO LERAN CE Note.3 | ±1.0% ----- |
| | LINE R EGULA TION | ±0.5% ----- |
| | LOAD REGUL ATION | ±0.5% ----- |
| | SETUP, RISE TIME Note.4 | 400ms, 50ms/230VAC 800ms, 50ms/115VAC at full load |
| | HOLD UP TIME (Typ.) | 50ms/230VAC 10ms/115VAC at full load |
| INPUT | VOLTA GE RANGE | 90 ~ 264VAC 127 ~ 370VDC [DC input operation possible by connecting AC/L(+), AC/N(-)] |
| | FREQU ENCY RANGE | 47 ~ 63Hz |
| | EFFICI ENCY (Typ.) | 86% |
| | AC CU RRENT (Typ.) | 1.3A/115VAC 0.8A/230VAC |
| | INRUS H CUR RENT (Typ.) | COLD START 30A/115VAC 60A/230VAC |
| PROTE CTION | OVERL OAD | 105 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed |
| | OVER VOLTA GE | CH1:14.49 ~ 18.63V Protection type : Shut down o/p voltage, re-power on to recover |
| | BATTE RY CUT OFF | 10±0.5V |
| FUNCT ION | AC OK | Relay contact output, ON : AC OK ; OFF : AC Fail ; max. rating : 30V/1A |
| | BATTE | Relay contact |

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| | RY LOW | output, OFF : Battery OK ; ON : Battery Low ; max. rating : 30V/1A Battery low voltage : < 11V |
| ENVIRONMENT | WORKING TEMP. | -30 ~ +70°C (Refer to "Derating Curve") |
| | WORKING HUMIDITY | 20 ~ 90% RH non- condensing |
| | STORAGE TEMP., HUMIDITY | -40 ~ +85°C , 10 ~ 95% RH |
| | TEMP. COEFFICIENT | ±0.03%/°C (0 ~ 50°C) on CH1 output |
| | VIBRATION | 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes |
| SAFETY & EMC (Note 5) | SAFETY STANDARDS | UL60950-1, TUV EN60950-1, EAC TP TC 004 approved |
| | WITHSTANDING VOLTAGE | I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC |
| | ISOLATION RESISTANCE | I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH |
| | EMC EMISSION | Compliance to EN55032 (CISPR32) Class B, EN61000-3-2,-3, EAC TP TC 020 |
| | EMC IMMUNITY | Compliance to E N61000-4-2,3,4,5 ,6,8,11, EN55024, EN61204-3, light industry level, criteria A, EAC TP TC 020 |
| OTHERS | MTBF | 504.1K hrs min. MIL-HDBK-217F (25°C) |
| | DIMENSION | 40*90*100mm (W*H*D) |
| | PACKING | 0.3Kg; 42pcs/13. 6Kg/0.82CUFT |
| NOTE | <p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire</p> | |

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| <p>terminated with a 0.1uf & 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. Length of set up time is measured at cold first start. Turning ON/OFF the power supply may lead to increase of the set up time.</p> <p>5. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.</p> <p>6. Installation clearances : 40mm on top, 20mm on the bottom, 5mm on the left and right side are recommended when loaded permanently with full power. In case the adjacent device is a heat source, 15mm clearance is recommended.</p> <p>7. The ambient temperature derating of 3.5 /1000m with fanless models and of 5 /1000m with fan models for operating altitude higher°C than 2000m(6500ft).</p> |
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[DRC-60A Specification](#)