

75 Watt, DR Series, DIN Rail Mounting Power Supply

ALL PSU LTD
Electronic Power Solutions

- Universal AC Input
- High Efficiency, High Reliability
- Cooling by Free Air Convection
- Power on LED, Output Voltage Trim
- Short Circuit, Overload, Over voltage, Over Temperature Protection
- Compact Size, Light Weight
- Full Approvals: UL/cUL/TUV/CE/CB
- Very Competitively Priced
- 3 Year Warranty



Specification

Input Voltage.....	85~264 VAC, (120~370 VDC)
Input Frequency.....	47~63 Hz
Inrush Current.....	Cold start, 20A @ 115VAC, 40A @ 230 VAC
Output Voltage.....	See table below (plus adjustment range)
Overload Protection.....	105~150% (constant current limiting auto recovery)
Over Voltage Protection.....	115~142% of output voltage
Setup, Rise, Hold-Up Time.....	1000 ms, 60 ms, 60 ms @ 230 VAC (full load)
Isolation.....	I/P-O/P: 3 kVAC
Operating Temperature.....	-10 ~ +60 °C, see derating curve
Safety Standards.....	TUV EN60950-1, UL508 approved
EMC Standards.....	EN55011, EN55022 Class B, EN61000-3-2, 3 EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024 EN61000-6-2(EN50082-2) Heavy industry level criteria A
MTBF.....	123.1 khrs (MIL-HDBK-217F) @ 25 °C
Size.....	55.5 x 125.2 x 100 mm (W x H x D)
Weight.....	0.6 kg

Models and Ratings

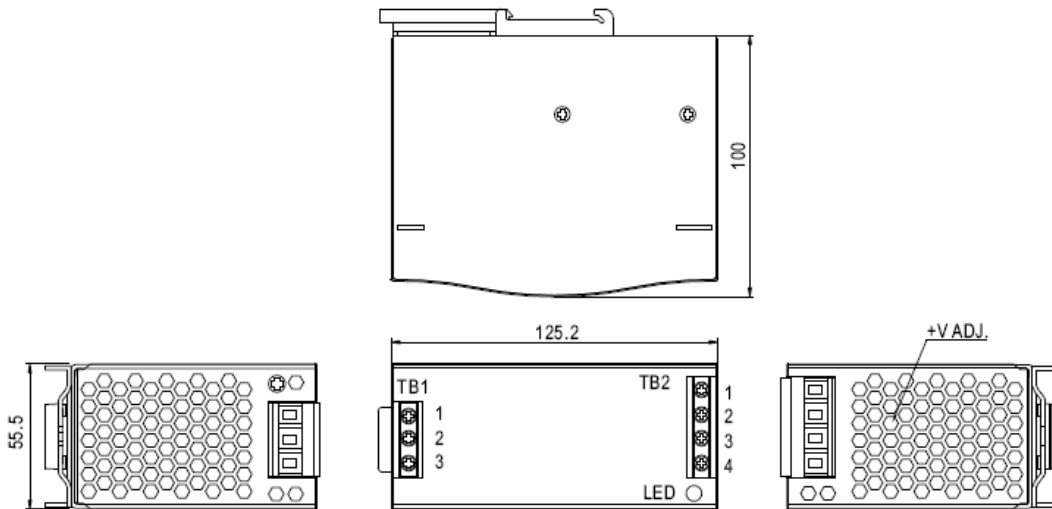
Model	Output Volts / Amps	Output Voltage Trim Range	Ripple/Noise	Efficiency
DR-75-12	12.0 V / 0~6.3 A	12 V ~ 14 V	100 mV	76%
DR-75-24	24.0 V / 0~3.2 A	24 V ~ 28 V	150 mV	80%
DR-75-48	48.0 V / 0~1.6 A	48 V ~ 53 V	240 mV	81%

Please see next page for mechanical and connection details

Specifications can change without notice. E&OE. ALL PSU Terms & Conditions apply

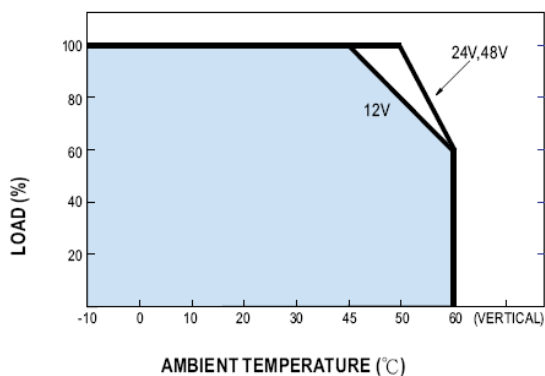
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Mechanical Details

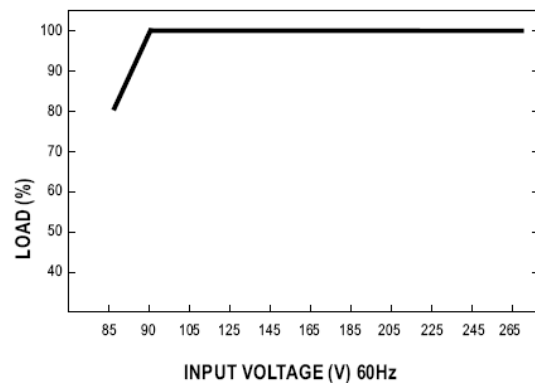


DR-75 Connections	
Terminal (TB1)	Function
1	GND
2	AC Neutral
3	AC Live
Terminal (TB2)	Function
1	+V Out
2	+V Out
3	-V Out
4	-V Out

Output Derating



Output Derating Vs Input Voltage



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