



## DR-240 series 240W Single Output Industrial DIN Rail Power Supply

### Features:

- Universal AC input/ full range
- Built-in active PFC function
- Protections: Short circuit/ Over load/ Over voltage/ Over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- LED indicator for power on  
100% full load burn-in test
- Fixed switching frequency at 100KHz  
2 years warranty

### SPECIFICATIONS

OUTPUT	
Model	DR-240-24
DC Voltage	24V
Rated Current	10A
Current Range	0-10A
Rated Power	240W
Ripple & Noise	80mVp-p
Voltage Adj. Range	24-28V
Voltage Tolerance	±1%
Setup, Rise Time	800ms,40ms/230VAC800ms,40ms/115VACat full load
Hold Up Time	24ms/230VAC24ms/115VAC at full load
INPUT	
Voltage Range	85~264VAC47~63Hz; 120~370VDC
AC Current	2.8A/115V1.4A/230V
Efficiency	84%
Inrush Current	Cold start 27A/115V45A/230V
Leakage Current	<3.5mA/240VAC
PROTECTION	
Over Load	105%~150% Protection type: Constant current limiting, recovers automatically after fault condition is removed
Over Voltage	30-36V Protection type: Shut down o/p voltage, re-power on to recover
Over Temp.	100°C±5°C(TSW1) Protection type: Shut down o/p voltage, recovers automatically after temperature goes down

<b>ENVIRONMENT</b>	
Working Temp., Humidity	-10℃~+70℃; 20%~90%RH
Storage Temp., Humidity	-20℃~+85℃; 10%~95%RH
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes
<b>SAFETY</b>	
Withstand Voltage	I/P-O/P: 3KVAC/I/P-FG: 1.5KVAC/O/P-FG: 0.5KVAC
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC
<b>STANDARD</b>	
Safety Standard	Design refer to UL508,UL60950-1, TUV EN60950-1
EMC Standard	EN55011,EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11,ENV50204,EN55024,EN61000-6-2(EN50082-2)
<b>OTHERS</b>	
Dimension	125.5*125.2*100mm(L*W*H)
Weight	1.2Kg
Packing	12pcs/15.5Kg/1.2CUFT
<b>NOTE</b>	
<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12”twisted pair-wire terminated with a 0.1μ &amp; 47μ parallel capacitor.</p> <p>3 .Tolerance: includes set up tolerance, line regulation and load regulation.</p> <p>4. 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>5 . Derating may be needed under low input voltages. Please check the derating curve for more details.</p>	