

## 240W Din-rail Power Supply



### Features :

- AC input voltage range selected by switch
- Small volume, low weight, high efficiency
- protections : short circuit/over load/over voltage/over temp
- cooling by free air convection
- can be installed on DIN rail: TS-35/7.5 or TS-35/15
- LED indicator for power on
- 100% full load burn-in test

| Model            |  | DR-240-24  | DR-240-36  | DR-240-48  |
|------------------|--|--|------------|------------|
| output           | DC voltage   | 24V  | 36V        | 48V        |
|                  | Voltage tolerance  | ±1%  | ±1%        | ±1%        |
|                  | Rated current  | 10A  | 6.6A       | 5A         |
|                  | Current range  | 0~10A  | 0~6.6A     | 0~5A       |
|                  | Rated power  | 240W   | 237.6W     | 240W       |
|                  | Ripple&noise   | 120mvp-p   | 150mvp-p   | 180mvp-p   |
|                  | DCvoltage ADJ.range  | ±10%   | ±10%       | ±10%       |
| input            | Voltage range  | 90~132VAC/180~264VAC, 255~373VDC   |            |            |
|                  | frequency  | 47~63HZ  |            |            |
|                  | AC current   | 2.8A/110VAC, 1.4A/220VAC   |            |            |
|                  | efficiency   | 85%  | 85%        | 86%        |
|                  | Inrush current   | Cold start current 27A/110VAC, 45A/220VAC  |            |            |
|                  | Leakage current  | < 3.5mA/240VAC   |            |            |
| protection       | Over load  | Rated output power105%~135% start over load protection                                 |            |            |
|                  |  | protection type : rated current limit , auto-recovery after fault condition is removed |            |            |
|                  | over voltage   | 30.6~33.2V   | 42.6~44.2V | 54.8~56.6V |
|                  |  | protection type : cutoff output, recovery after restart power                          |            |            |
| over temperature | TSW1detect on heatsink of power transistor≥105°C±5°C, start over temperature protection  |  |            |            |
|                  | Protection mode : cutoff output, auto-recovery after temperature become normal   |  |            |            |
| environment      | Working temp,humidity  | -20°C~+60°C, 20%~90%RH   |            |            |
|                  | Storage temp,humidity  | -40°C~+85°C, 10%~95%RH non-condensing  |            |            |
|                  | Withstand vibration  | 10~500HZ, 2G 10min/1cycle, period for 60 minutes, each axes                            |            |            |
| safety           | Withstand voltage  | I/P-O/P : 3KVAC I/P-FG : 1.5KVAC O/P-FG : 0.5KVAC                                      |            |            |
|                  | Isolated resistance  | I/P-O/P,I/P-FG,O/P-FG : 100M ohms/500VDC   |            |            |
| standard         | Safety standard  | UL1012   |            |            |
|                  | EMC standard   | EN55022, CLASSA  |            |            |
| others           | Dimension  | 125.5*125.2*100mm (L*W*H)  |            |            |
|                  | Weight   | 1.2kg  |            |            |
| 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 &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> |  |            |            |