



## 15~100W Class II Single Output

- ◆ Isolation Class II
- ◆ Universal AC input/Full range
- ◆ Protections: Short circuit/Overload/ Over voltage
- ◆ Over temperature protection(DR-100)
- ◆ No load power consumption<1W (DR-100)
- ◆ Installed on DIN rail TS-35/7.5 or 15
- ◆ Cooling by free air convection
- ◆ LED indicator for power on
- ◆ 100% full load burn-in test
- ◆ 2 years warranty
- ◆ Suitable for building automation and control of household appliance

### General Specification

| Model No.               | DR-15  | DR-30                                    | DR-60                     | DR-100                                |
|-------------------------|--|--|---------------------------|---------------------------------------|
| AC input voltage range  | 85~264VAC 120~370VDC   |  | 88-264VAC, 124-370VDC     |                                       |
| AC inrush current(max.) | Cold Start 65A/230VAC  | Cold start, 30A at 230VAC                | Cold start, 36A at 230VAC | Cold start, 45A at 230VAC             |
| DC adjustment range     | ±10% rated output voltage  |  |                           | 12V: 12-15V, 15V: 15~18V, 24V: 24~29V |
| OLP                     | Range  | 105%~160%                                |                           | 105%~135%                             |
|                         | Type   | constant current limiting, auto-recovery |                           |                                       |
| OVP                     | Range  | 115%~135% rated output voltage           |                           | 125%~155% rated output voltage        |
|                         | Type   | Shut off, re-power on to recover         |                           |                                       |
| Withstand voltage       | I/P-O/P: 3KVAC   |  |                           |                                       |
| Working temperature     | -20°C~+60°C(refer to output load derating curve)   |  |                           |                                       |
| Vibration               | 10~500Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes                     |  |                           |                                       |
| Safety standards        | UL60950-1, TUV60950-1 approved   |  |                           |                                       |
| EMC standards           | EN55022 class B, EN6 1000-3-2,3, EN6 1000-6-2, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61204-3 |  |                           |                                       |
| Connection              | I/P:2 poles, O/P:4 poles screw DIN terminal  |  |                           |                                       |
| Dimension(W*H*D)(mm)    | 25 × 93 × 56   | 78 × 93 × 56                             | 78 × 93 × 56              | 100 × 93 × 56                         |
| Packing                 | 0.1kg/pc   | 0.22kg/pc                                | 0.25kg/pc                 | 0.38kg/pc                             |

### DR-15 Series

| Model No. | Output       | Tol. | R&N   | Effi.  |
|-----------|--------------|------|-------|--------|
| DR-15-5   | 5V, 0~2.4A   | ±2%  | 80mV  | 77%    |
| DR-15-12  | 12V, 0~1.25A | ±1%  | 120mV | 84%    |
| DR-15-15  | 15V, 0~1A    | ±1%  | 120mV | 83.50% |
| DR-15-24  | 24V, 0~0.63A | ±1%  | 150mV | 85%    |

### DR-30 Series

| Model No. | Output      | Tol. | R&N   | Effi. |
|-----------|-------------|------|-------|-------|
| DR-30-5   | 5V, 0-3.0A  | ±2%  | 80mV  | 74%   |
| DR-30-12  | 12V, 0-2.5A | ±1%  | 120mV | 81%   |
| DR-30-15  | 15V, 0-2.0A | ±1%  | 120mV | 82%   |
| DR-30-24  | 24V, 0-1.5A | ±1%  | 150mV | 83%   |

### DR-60 Series

| Model No. | Output      | Tol. | R&N   | Effi. |
|-----------|-------------|------|-------|-------|
| DR-60-5   | 5V, 0-6.5A  | ±2%  | 80mV  | 76%   |
| DR-60-12  | 12V, 0-4.5A | ±1%  | 120mV | 82%   |
| DR-60-15  | 15V, 0-4.0A | ±1%  | 120mV | 83%   |
| DR-60-24  | 24V, 0-2.5A | ±1%  | 150mV | 84%   |

### DR-100 Series

| Model No. | Output      | Tol. | R&N   | Effi. |
|-----------|-------------|------|-------|-------|
| DR-100-12 | 12V, 0-7.5A | ±2%  | 120mV | 87%   |
| DR-100-15 | 15V, 0-6.5A | ±1%  | 120mV | 87%   |
| DR-100-24 | 24V, 0-4.2A | ±1%  | 150mV | 89%   |