

### Summary

- > Single output: power 100W
- > Input voltage: 85~264VAC 120~370VDC



### General Specification

55x90x100mm

| Specification                   | Model                                                             | MDR-100-12 | MDR-100-24  | MDR-100-36 | MDR-100-48 |
|---------------------------------|-------------------------------------------------------------------|------------|-------------|------------|------------|
| DC output voltage, current      |                                                                   | 12V 0~7.5A | 24V 0~4.16A | 36V 0~2.7A | 48V 0~2A   |
| Wave and noise                  |                                                                   | 120mVp-p   | 150mVp-p    | 150mVp-p   | 200mVp-p   |
| Inlet wire stability            |                                                                   | ±1%        | ±1%         | ±1%        | ±1%        |
| Load stability                  |                                                                   | ±1%        | ±1%         | ±1%        | ±1%        |
| Efficiency                      |                                                                   | 78%        | 86%         | 88%        | 88%        |
| Adjustable range for DC voltage |                                                                   | ±1%        | ±1%         | ±1%        | ±1%        |
| Input voltage range             | 85~264VAC/120~370VDC 47~63Hz                                      |            |             |            |            |
| Impact current                  | Cold start current 30A/115VAC 60A/230VAC                          |            |             |            |            |
| Overload protection             | 105%~150% cut off the output, automatic recovery                  |            |             |            |            |
| Over voltage protection         | 120%~140% shut down O/P voltage, re-power on to recover           |            |             |            |            |
| Setup, rise, hold up time       | 3000ms, 50ms/230VAC at full load 3000ms, 50ms/115VAC at full load |            |             |            |            |
| Withstand voltage               | I/P-O/P: 1.5kV I/P-FG: 1.5kV O/P-FG: 0.5kV 1minute                |            |             |            |            |
| Isolation resistance            | I/P-O/P I/P-FG O/P-FG: 500VDC/100MΩ                               |            |             |            |            |
| Working temperature             | -10℃~+50℃                                                         |            |             |            |            |
| Dimension                       | 55×90×100mm                                                       |            |             |            |            |
| Weight                          | 0.42kg                                                            |            |             |            |            |
| Packing                         | /                                                                 |            |             |            |            |

### Overall dimension(mm)

■ 接线位置

- 端口 1,2 : 交流输入
- 端口 3 : 接地
- 端口 4 : 直流输出 +V
- 端口 5 : 直流输出 -V
- 端口 6 : DC OK信号

■ Terminal Pin No. Assignment

- Pin 1,2 : AC input
- Pin 3 : GND
- Pin 4 : DC output +V
- Pin 5 : DC output -V
- Pin 6 : DC OK

■ DC OK继电器触发

|        |             |
|--------|-------------|
| 触点关闭   | 电源开启/DC正常   |
| 触点打开   | 电源关断/DC故障   |
| 触点(最大) | 30V/1A 阻性负载 |

ADMISSIBLE DIN-RAIL: TS35/7.5 OR TS35/15