



IMR-100 SERIES

100W Single Output Industrial type DIN Rail Power Supply



- only industrial type power supply
- Standard/Din Rail Mounting Dual Purpose
- Easy mounting (one-step installation)
- No-load Consumption is lower than 0.5W (No Display)
- "Output Voltage Monitor" Display (Optional)
- 100% burn-in test
- 2 years warranty

CLASS A

WARNING: *Operation of this equipment in a residential environment could cause radio interference.*

• **Output modify range: 3V~200VDC**

DIMENSIONS: 100(H)*83(D)*49(W)mm

WEIGHTS: 365g

General specifications

INPUT

Input range 90~132/180~264VAC(Selectable)
220~380VDC
Input frequency 47~63Hz
Inrush current (25°C) 20A/110VAC
40A/220VAC

OUTPUT

Hold-up time 13ms
Short protection Autorecovery
Over load protection Automatic power limited
Optional 5V/3A AUX output
for models which output voltage lower than 40VDC

Detail specifications

100 Watts

| MODEL | O/P Volt Adj. ± % | Load(Current) ¹ | | | Ripple & Noise ⁴ | Line REG. ² | Load REG. ³ | Efficiency ⁵ | O.V.P |
|-------------------|-------------------|----------------------------|-------|------|-----------------------------|------------------------|------------------------|-------------------------|--------------|
| | | Min. | Rated | Max. | | | | | |
| IMR-100-12 | V : +12V ±10% | 0A | 8.3A | 8.3A | 120mV | ±1% | ±1% | 85% Ref. | 17.1 ~ 18.9V |
| IMR-100-24 | V : +24V ±10% | 0A | 4.2A | 4.2A | 240mV | ±1% | ±1% | 86% Ref. | 31.4 ~ 34.7V |
| IMR-100-48 | V : +48V ±10% | 0A | 2.1A | 2.1A | 480mV | ±1% | ±1% | 87% Ref. | 64.6 ~ 71.4V |

Please Choose Fit Function, And Fill In The Blank With Suitable Words.

Order Model: IMR-100-24

Optional Function:

Terminal Block: " " : PCB Barrier Terminal Block ← "E" : Mini Terminal Block
 Monitor: " " : No Monitor ← "D" : Monitor Display
 Type: " " : No Display Function ← "A" : Output Voltage Display