

HDR Power Supply 系列

60 W 小型電源供應，可用於 DIN 軌道安裝的產品



特色與優點

- DIN 軌道安裝的電源供應器
- 纖薄外型，適合機櫃安裝
- 通用交流電源輸入
- 高功率轉換效率

認證



簡介

HDR-60-24 Power Supply 系列是專為工業應用而設計。小型尺寸設計使其非常適合安裝於有限空間，同時裝置可在 -30 到 70°C 的溫度之間操作。裝置採塑膠外殼設計，可支援 85 至 264 VAC 範圍的交流輸入，並且符合歐盟用於管制電流諧波的 EN 61000-3-2 標準。此外，此裝置配有恆定電流過載保護功能。

規格

Output Power Parameters

Wattage	60 W
Voltage	24 VDC
Current Rating	0 to 2.5 A
Ripple and Noise	150 mVp-p
Voltage Adjustment Range	21.6 to 29 VDC
Setup/Rise Time at Full Load	500 ms, 50 ms at 230 VAC 500 ms, 50 ms at 115 VAC
Typical Hold Up Time at Full Load	30 ms at 230 VAC 12 ms at 115 VAC

Input Power Parameters

Voltage Range	100 to 240 VAC (50 to 60 Hz) 120 to 370 VDC
Typical Efficiency	90%
Typical Current	0.8 A @ 230 VAC, 1.2 A @ 115 VAC
Inrush Current (cold start)	60 A @ 230 VAC, 30 A @ 115 VAC

Overload Protection

Rated Output Power	105 to 160%
Protection Type	Constant current limiting, recovers automatically after fault condition is removed

Overvoltage Protection

Overvoltage Range	30 to 36 V
Protection Type	Shut down operating voltage, repower on to recover

Physical Characteristics

Housing	Plastic
Dimensions	52.5 x 90 x 54.5 mm (2.07 x 3.54 x 2.15 in)
Weight	230 g (0.5 lb)

Environmental Limits

Operating Temperature	-30 to 70°C (-22 to 158°F)
Max. Operating Temperature at Full Load	45°C (113°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	20 to 90% (non-condensing)

Standards and Certifications

Safety	UL 508, EN 62368-1, UL 62368-1, IEC 62368-1
EMC	EN 55032/24, EN 61000-3-2 Class A, EN 61000-3-3
EMS	IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 6000 MHz: 10 V/m IEC 61000-4-4 EFT: Power: 2 kV IEC 61000-4-5 Surge: Power: 2 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF IEC 61000-4-11

MTBF

Time	927,560 hrs
Standards	MIL-HDBK-217F

Warranty

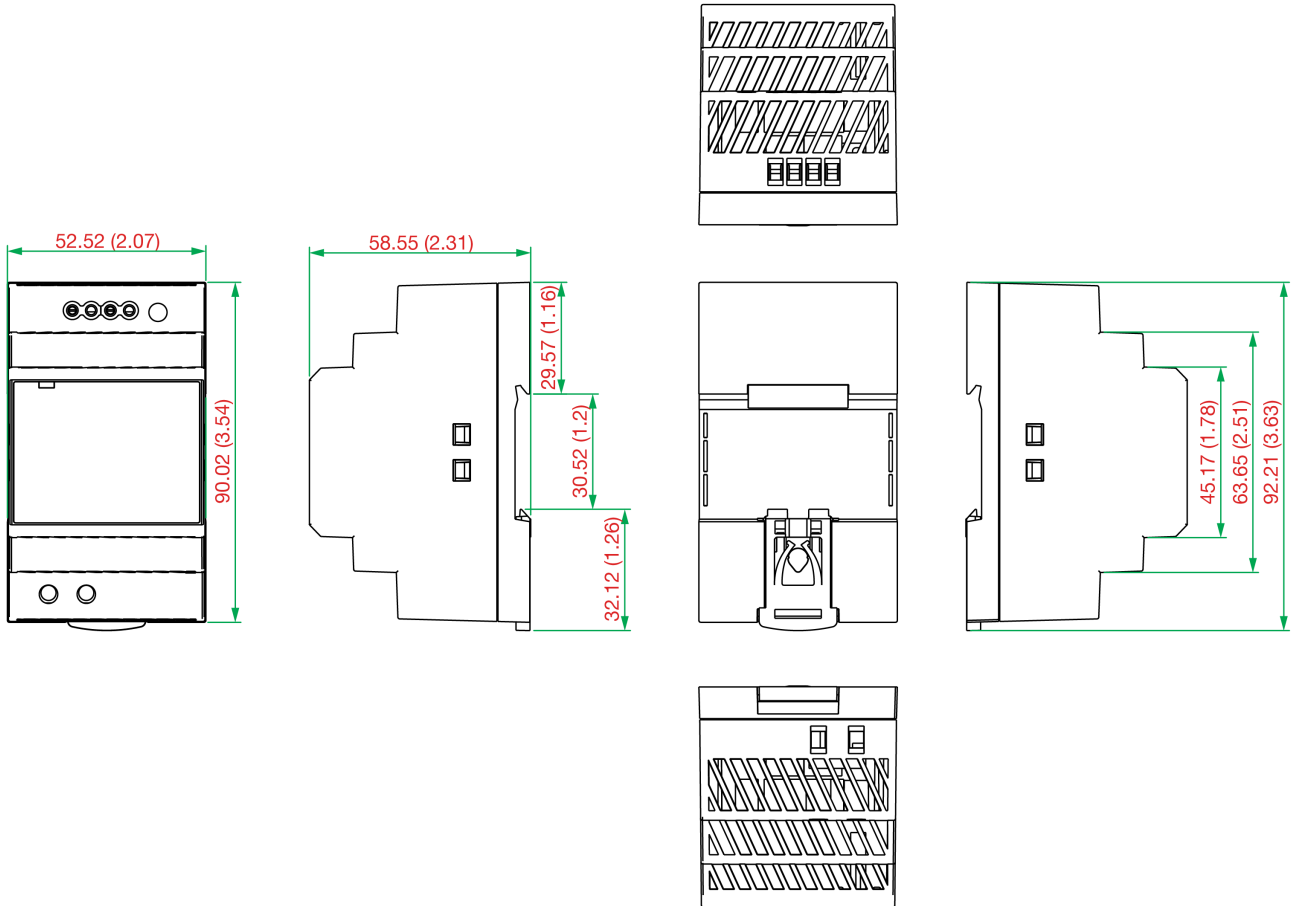
Warranty Period	3 years
Details	See www.moxa.com/tw/warranty

Package Contents

Device	1 x HDR Power Supply Series power supply
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尺寸

單位：公釐 (英吋)



訂購資訊

Model Name	Input Voltage	Wattage	Weight (Packaged)	Package Dimensions
HDR-60-24	85 to 264 VAC 47 to 63 Hz 120 to 370 VDC	60 W	267 g (0.59 lb)	58 x 98 x 66 mm (2.23 x 3.86 x 2.60 in)

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