

Meanwell® Power Supplies

Established in 1982, Meanwell have become a renowned name in industrial and OEM power. This range is amongst Meanwells most popular lines. We even have a range of 5V models for powering devices such as Internet-Of-Things boards (like the Raspberry Pi) and any module using 5V logic level. All Meanwell power supplies are backed by a **3 year warranty**. For more information on this range and complete datasheets, visit www.meanwell.com

Meanwell® Compact DIN Rail Switchmode Power Supplies

Ultra-slim design ideal for lower current DC power applications in a standardised DIN rail housing to suit mounting to asymmetrical "G" or 35mm top hat type DIN rails. Each unit measures only 90mm high and is supplied in 35mm and 52.5mm widths. See page 302 for DIN rail & accessories to suit.

Features • Ultra slim design with 35 or 52.5mm widths • Universal AC input • Protections: short circuit, overload, over voltage • Cooling by free air convection • Suits TS-35/7.5 or 15 DIN rail • LED power indicator



| | 30W | 60W |
|------------------|-------------------------|-------------------------|
| Inrush current: | 25A | 30A |
| Input range: | 85-264V AC, 120-370V DC | 85-264V AC, 120-370V DC |
| Input frequency: | 47-63Hz | 47-63Hz |
| Warranty: | 3 years | 3 years |
| Weight: | 120g | 190g |
| Dimensions: | 35 x 90 x 54.5mm | 52.5 x 90 x 54.5mm |



| Price Each | Output | Efficiency | Meanwell Model | RRP | 2+ | 4+ |
|---------------|--------|------------|----------------|-----------|-------|-------------|
| 12V | | | | | | |
| M 8392 | 24W | 2A | 88% | HDR-30-12 | 49.95 | 47.50 44.25 |
| M 8394 | 54W | 4.5A | 88% | HDR-60-12 | 69.50 | 64.95 60.50 |
| 24V | | | | | | |
| M 8393 | 36W | 1.5A | 89% | HDR-30-24 | 49.95 | 47.50 44.25 |
| M 8395 | 60W | 2.5A | 90% | HDR-60-24 | 65.00 | 59.00 55.00 |

Meanwell® DIN Rail Switchmode Power Supplies

These highly efficient, super compact DIN rail power supplies are ideal for industrial applications. Spring loaded bracket suitable for mounting to asymmetrical "G" or 35mm top hat type DIN rails. See page 302 for DIN rail & accessories to suit.

Features • Universal AC input • Protections: short circuit, overload, over voltage • Cooling by free air convection • Suits TS-35/7.5 or 15 DIN rail • 100% full load burn in test • LED power on indicator • DC OK relay contacts (60W only) • Low 'no load' power consumption



UL ROHS



| | 60W | 120W |
|------------------|-------------------------|-------------------------|
| Inrush current: | 60A | 35A |
| Input range: | 85-264V AC, 120-370V DC | 85-264V AC, 120-370V DC |
| Input frequency: | 47-63Hz | 47-63Hz |
| Warranty: | 3 years | 2 years |
| Weight: | 300g | 600g |
| Dimensions: | 40 x 90 x 100mm | 40 x 125 x 113.5mm |

| Price Each | Output | Efficiency | Meanwell Model | RRP | 2+ | 4+ |
|----------------|--------|------------|----------------|------------|-------|-------------|
| 12V | | | | | | |
| M 8405A | 60W | 5A | 86% | MDR-60-12 | 69.50 | 64.95 60.50 |
| M 8406A | 120W | 10A | 85% | EDR-120-12 | 90.25 | 85.95 79.25 |
| 24V | | | | | | |
| M 8409A | 60W | 2.5A | 88% | MDR-60-24 | 69.50 | 64.95 60.50 |
| M 8410A | 120W | 5A | 87.5% | EDR-120-24 | 91.50 | 85.95 79.25 |
| 48V | | | | | | |
| M 8413A | 60W | 1.25A | 87% | MDR-60-48 | 80.50 | 75.95 70.50 |
| M 8414A | 120W | 2.5A | 88.5% | EDR-120-48 | 99.00 | 95.00 86.00 |

Meanwell® RS/RD Series Switchmode Power Supplies

This new range of switchmode power supplies offer high efficiency DC power in a compact enclosure. They are designed to be installed within a secondary cabinet as the 240V input terminals are exposed. The mesh casing allows free air cooling without the need for fans (-25° to +70°C working temperature). The low profile casing makes them ideal for mounting into 1RU rack cases.



UL ROHS



Features • Protections: short circuit, overload, over voltage • Cooling by free air convection • LED indicator for power on • 100% full load burn-in test • All using 105°C long life electrolytic capacitors • Withstand 300VAC surge input for 5 second • High operating temperature up to 70°C • Withstand 5G vibration test • 3 years warranty

| | M 8720 | M 8721 | M 8723 | M 8724 | M 8725 | M 8726 |
|------------------|------------|----------|----------|-----------|-----------|-----------|
| | M 8728 | M 8731 | M 8733 | M 8736 | M 8738 | M 8739 |
| | M 8767 | M 8770 | M 8772 | M 8775 | M 8777 | M 8778 |
| | | | | M 8802 | | |
| Inrush current: | 65A | 30A | 33A | 40A | 40A | 40A |
| Input frequency: | 47-63Hz | 47-63Hz | 47-63Hz | 47-63Hz | 47-63Hz | 47-63Hz |
| Weight: | 130g | 200g | 410g | 420g | 600g | 700g |
| Dimensions (mm): | 62.5x51x28 | 78x51x28 | 99x97x36 | 129x97x38 | 159x97x38 | 199x98x38 |

| Price Each | Output | Efficiency | Meanwell Model | RRP | 2+ | 4+ |
|-----------------|--------|------------|----------------|-----------|-------|-------------|
| 5V | | | | | | |
| M 8720 | 15W | 3A | 77% | RS-15-5 | 24.25 | 22.75 20.95 |
| M 8721 | 25W | 5A | 78.5% | RS-25-5 | 32.95 | 30.25 27.50 |
| M 8723 | 50W | 10A | 83% | RS-50-5 | 48.50 | 44.25 39.75 |
| M 8724 | 60W | 12A | 79% | RS-75-5 | 53.95 | 50.75 46.75 |
| M 8725 | 80W | 16A | 77% | RS-100-5 | 75.95 | 70.50 63.95 |
| M 8726 | 130W | 26A | 78% | RS-150-5 | 79.25 | 73.25 67.75 |
| 12V | | | | | | |
| M 8728 | 16W | 1.3A | 81% | RS-15-12 | 27.50 | 25.25 21.95 |
| M 8731 | 25W | 2.1A | 81.5% | RS-25-12 | 29.95 | 28.50 25.95 |
| M 8733 | 50W | 4.2A | 84.5% | RS-50-12 | 41.95 | 38.50 36.50 |
| M 8736 | 72W | 6A | 84.5% | RS-75-12 | 53.95 | 50.75 46.75 |
| M 8738 | 102W | 8.5A | 81% | RS-100-12 | 70.95 | 66.75 61.25 |
| M 8739 | 150W | 12.5A | 83% | RS-150-12 | 75.95 | 69.50 66.25 |
| 24V | | | | | | |
| M 8767 | 15W | 0.625A | 82% | RS-15-24 | 27.50 | 25.25 21.95 |
| M 8770 | 26W | 1.1A | 86% | RS-25-24 | 29.95 | 28.50 25.95 |
| M 8772 | 53W | 2.2A | 88% | RS-50-24 | 48.50 | 44.25 39.75 |
| M 8775 | 77W | 3.2A | 88.5% | RS-75-24 | 53.95 | 50.75 46.75 |
| M 8777 | 108W | 4.5A | 84% | RS-100-24 | 70.50 | 64.95 59.50 |
| M 8778 | 156W | 6.5A | 86% | RS-150-24 | 79.25 | 73.75 68.25 |
| 5V / 12V | | | | | | |
| M 8802 | 66W | 8A/4A | 79% | RD-65A | 49.50 | 46.75 44.25 |

Important Note For All Customers

Our electronic enthusiast staff are generally able to offer valuable advice as to applications of our products and components. However we cannot be held responsible for any errors, or misunderstandings which may arise from such advice. We are not chartered engineers and do not charge for any technical opinions offered. We invite customers to seek independent professional assistance on complex circuits or applications.

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