

EDR SERIES



The EDR Series broadband network power supplies are designed to provide reliable and low cost power for non-critical broadband applications which do not require UPS back-up. The EDR Series incorporates the most reliable ferro transformer design available. The transformer is designed for long life operation with a galvanic isolation of 4 kV. The capacitor's MTBF can range from 60,000 hours to 100,000 hours. All other components operate well within large safety margins.

The simple wallmount enclosure is made of powder coated high grade aluminum, which will provide years of reliable service in the most hostile environment. The cover is easily removed allowing full access to all system components. Internal output voltage selection between 50 Vac and the model's principal output voltage is standard on all models. Rackmount as well as polemount enclosures (with brackets and relevant IP class) are also available. Special power supplies can be designed according to customer specifications, please contact factory for more details.

Features:

- Low cost non-standby
- High efficiency
- 4, 8, 12 and 16 A models
- Internal output voltage selection
- Simple modular installation
- Input circuit breaker
- Current-limiting soft-start
- Surge protection
- 60,000-hour MTBF capacitor

Options:

- Analog panel meters with background illumination
- 3.5/12 or 5/8 output coax connectors
- 100,000-hour MTBF capacitor
- Lightning surge protection

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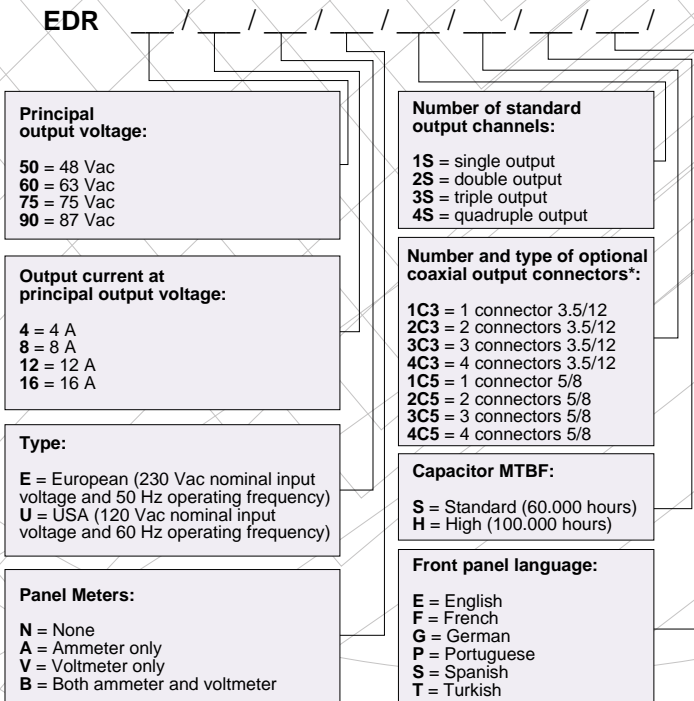
TECHNICAL SPECIFICATIONS

INPUT	
Voltage	230 or 120 Vac $\pm 20\%$, 1-Phase
Frequency	50 or 60 Hz $\pm 6\%$
Power Factor	0,95
OUTPUT	
Voltage	48 / 63 / 75 / 87 Vac
Current	4 / 8 / 12 / 16 A
Power	200 - 1400 VA
Connector Type	Standard or Coaxial
Voltage Regulation	$\pm 3\%$
Efficiency	$> 92\%$
Protection	Overload and Short-circuit
GENERAL	
Galvanic Isolation	4 kV
Insulation Class	F
Protection Class	IP 20
Safety	CE marked
ENVIRONMENTAL	
Operating Temperature	-10°C to $+55^{\circ}\text{C}$
Relative Humidity	0 - 90% (Non-condensing)
Audible noise (10-100% load)	< 45 dBA @ 1m.
MECHANICAL	
Dimensions (WxDxH) mm.	WM1: 235x190x210 WM2: 260x190x260
Net Weight (WM2, 750 VA)	17,6 kg.

All specifications are subject to change without prior notice. WM1 is the small wallmount enclosure intended for space-critical applications. No panel meters and only two coaxial connectors are available with this type of enclosure. WM2 is the large wallmount enclosure which allows up to two panel meters and four coaxial connectors. Add 40mm to width and 15mm to depth for mounting straps.

ORDERING INFORMATION:

EDR



*If coaxial output connectors are preferred then only a single standard output channel will be provided.

CATV Power