



Features

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- DC output voltage adjustable
- Can be installed on DIN rail TS-35 / 7.5 or 15
- UL508 (industrial control equipment) listed
- EN61000-6-2 (EN50082-2) industrial immunity level
- Low cost
- 2 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.	EDR-75	EDR-120	EDR-150
AC input voltage range	90~264VAC; 127~370VDC		
AC inrush current (max.)	Cold start, 35A at 230VAC		
DC adjustment range	12V: 12~14V, 24V: 24~28V, 48V: 48~55V		
Overload protection	Range	105%~130%	
	Type	Constant current limiting, auto-recovery	
Over voltage protection	Range	12V: 14~17V, 24V: 29~33V, 48V: 56~65V	24V: 29~33V
	Type	Shut down o/p voltage, re-power on to recover	
Over temperature protection	Shut down o/p voltage, re-power on to recover		
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC		
Working temperature	-20~+60°C (refer to output derating curve)		
Safety standards	UL508, TUV EN62368-1, EAC TP TC 004, BSMI CNS14336-1 approved		
EMC standards	EN55032 classA, EN61000-3-2(125W for EDR-150),3, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2(EN50082-2), EAC TP TC 020, CNS13438		
Connection (screw DIN terminal)	I/P: 3 poles, O/P: 4 poles		
Dimension (WxHxD)(mm)	32x 125.2x 102	40x 125.2x 113.5	
Case No.	221B	992D	

75W EDR-75

Model No.	Output	Tol.	R&N	Effi.
EDR-75-12	12V, 0~6.3A	±2.0%	80mV	85.5%
EDR-75-24	24V, 0~3.2A	±1.0%	120mV	87.5%
EDR-75-48	48V, 0~1.6A	±1.0%	150mV	88.5%

150W EDR-150

Model No.	Output (230VAC/115VAC)	Tol.	R&N	Effi.
EDR-150-24	24V, 0~6.5A / 0~5.2A	±1.0%	150mV	87%

120W EDR-120

Model No.	Output	Tol.	R&N	Effi.
EDR-120-12	12V, 0~10A	±2.0%	100mV	85.0%
EDR-120-24	24V, 0~5A	±1.0%	120mV	87.5%
EDR-120-48	48V, 0~2.5A	±1.0%	150mV	88.5%

EDR vs. NDR

Difference Series	EMI	Working Temp.	Warranty
EDR	Class A	-20~+60°C	2 years
NDR	Class B	-20~+70°C	3 years