

## 120W Single Output Industrial DIN Rail Power Supply

EDR-120 series

### Features:

Universal AC input / full range

Protections: Short circuit/ Over load/ Over voltage/ Over temperature

Cooling by free air convection

Can be installed on DIN rail TS-35/7.5 or 15

LED indicator for power on

100% full load burn-in test

Fixed switch frequency at 67KHz

2 year warranty

SPECIFICATIONS			
<b>OUTPUT</b>			
Model	EDR-120-12	EDR-120-24	EDR-120-48
DC Voltage	12V	24V	48V
Rated Current	10A	5A	2.5A
Current Range	0-10A	0-10A	0-2.5A
Rated Power	120W	120W	120W
Ripple & Noise	100mVp-p	120mVp-p	150mVp-p
Voltage Adj. Range	12-14V	24-28V	48-55V
Voltage Tolerance	±2%	±1%	±1%
Setup, Rise Time	1200ms, 60ms/230VAC 2500ms, 60ms/115VAC at full load		
Hold Up Time	16ms/230VAC 10ms/115VAC at full load		
<b>INPUT</b>			
Voltage Range	90 ~ 264VAC 127 ~ 370VDC		
AC Current	2.25A/115V 1.3A/230V		
Efficiency	85%	87.5%	88.5%
Inrush Current	20A/115VAC 35A/230VAC		
Leakage Current	<1mA/240VAC		
<b>PROTECTION</b>			
Over Load	105%~130% rated output power		
	Protection type: Constant current limiting, recovers automatically after fault condition is removed		
Over Voltage	14 ~ 17V	29 ~ 33V	56 ~ 65V
	Protection type: Shut down o/p voltage, re-power on to recover		
	Protection type: Shut down o/p voltage, recovers automatically after temperature goes down		
<b>ENVIRONMENT</b>			

<b>SAFETY</b>	
Withstand Voltage	I/P-O/P: 3KVAC    I/P-FG: 2KVAC    O/P-FG: 0.5KVAC
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC
<b>STANDARD</b>	
Safety Standard	Design refer to UL508,UL60950-1, TUV EN60950-1
EMC Standard	Design refer to EN55011,EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11,ENV5020 4,EN55024,EN61000-6-2(EN50082-2)
<b>OTHERS</b>	
Dimension	40*125.2*113.5mm (W*H*D)
Weight	0.6Kg
<b>NOTE</b>	