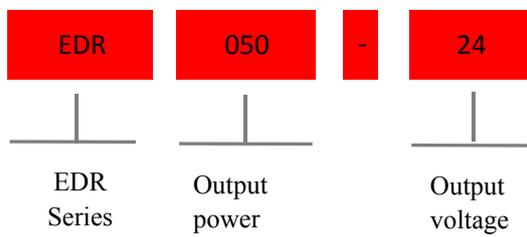




▲ Features

- TS35 guide rail is fixed
- Small size, easy to install with accessories
- Comply with ROHS environmental protection certification
- Power indicator
- Overload/overvoltage/short circuit protection
- Small size/high efficiency/high reliability
- 100% full load aging test

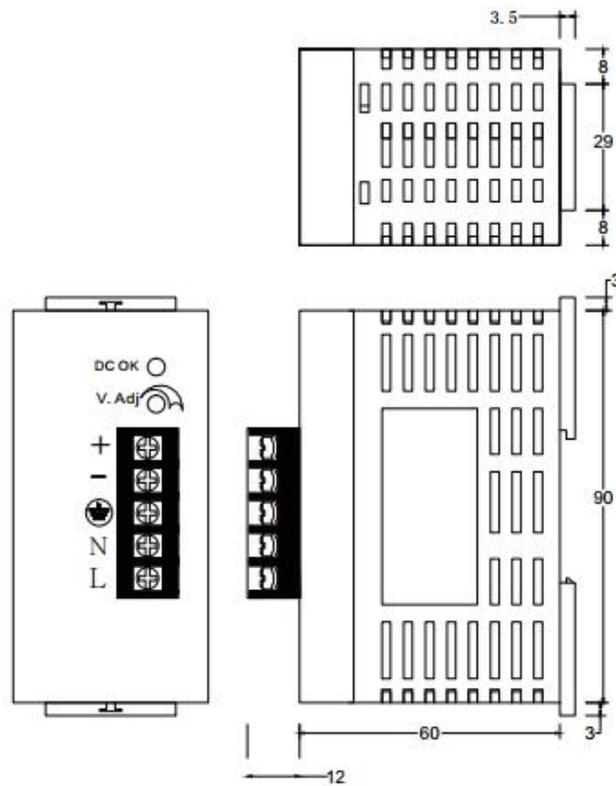
▲ Mode



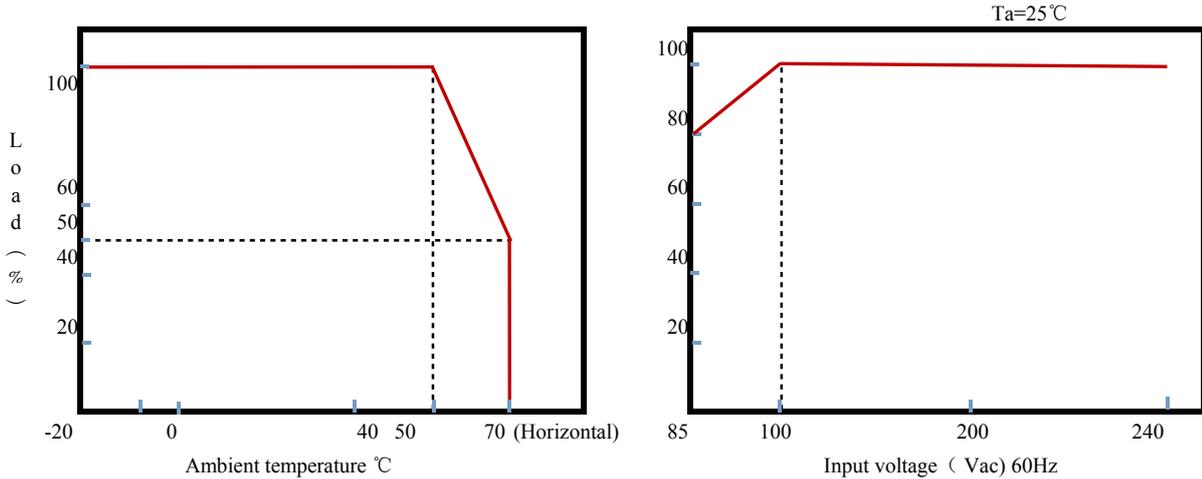
Electrical specifications

Input parameters		
Input voltage	200~240VAC/280~370VDC	
Input current	1A Max. Vi=200~240VAC	
Input frequency	47~63Hz	
Surge current (max)	45A/230VAC	
Output parameters		
DC voltage (V)	24V	
Efficiency (Typ)	85%	
Voltage adj. range	±10%	
Rated current (A)	2.1A	
Rated power (W)	50W	
Ripple&noise(max MVP-P)Note2	150	
Voltage tolerance Note3	±1%	
Line regulation Note4	±1%	
Load regulation Note5	±1%	
Set up,rise time	1000ms 10ms/230VAC	
Hold up time	30ms/230VAC	
Status indicator	Green LED	
Protection		
Overload	Rated output power of 150%-250%	
	Protection type:Hiccup mode,recovers,automatically after fault condition is removed	
overvoltage(V)	28.5~35V	
	Protection type:Hiccup mode,recovers,automatically after fault condition is removed	
Three processing	Suitable for high dust and condensation occasions	
Safety and electromagnetic compatibility		
Withstand voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
Isolation resistance	I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500VDC/25°C/70% RH	
Safety standard Note6	GB4943.1	
Environment		
Working temperature	- 20~70°C (please refer to the load reduction curve)	
Working humidity	- 20~85°C	
Storage humidity	5-95 %	
Vibration	10-500Hz,2G 10min/lcycle,60min.each along X,Y,Z axes	
Others		
Mean time between failure	≥270K hrs,MIL-HBDK-217F(25°C)	
Installation	Plate screw fixation, or optional accessories TS35 guide rail installation	
Protection class	IP20	
Weight	0.23Kg	
Length*width*height	96*45*75mm	
Order data	Parameters to describes	Order type
	EDR 50W 2.1A/24V	EDR050-24

Installation diagram



Temperature profile



- 备注 1: All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature
 2: Ripple & noise are measured at 20MHZ of bandwidth by using a "12" twisted pair-wire terminated with a 0.1uf & 0.47uf parallel capacitor.
 3: Tolerance: includes set up tolerance, line regulation and load regulation.
 4: Line regulation is measured from low line to high line at rated load.
 5: Load regulation is measured from 0% to 100% rated load.
 6: According to the requirements of GB4943.1, the power supply is only used for safe use in areas below sea level of 2000M and non-tropical climates.