



Dimension: 65.5 × 125.2 × 100mm

Features:

- Universal AC input/ full range
- Small volume, low weight, high efficiency
- Protections : short circuit/over load/over voltage
- Cooling by free air convection
- Can be installed on DIN rail : TS-35/7.5 or TS-35/15
- 100% full load burn-in test
- 2 Years warranty



SPECIFICATION

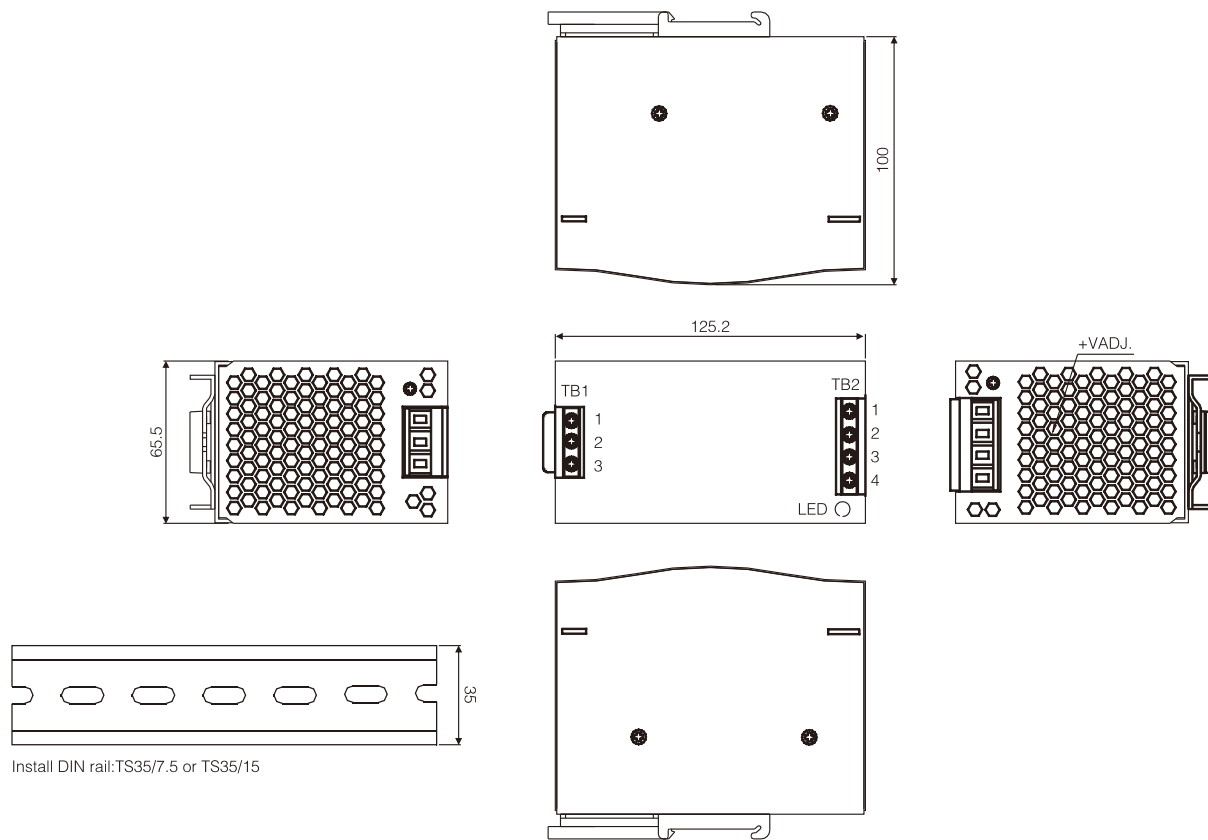
Model		DR-120-12	DR-120-24	DR-120-48
Output	DC voltage	12V	24V	48V
	Voltage tolerance	± 1%	± 1%	± 1%
	Rated current	8.3A	5A	2.5A
	Current range	0 ~ 8.3A	0 ~ 5A	0 ~ 2.5A
	Rated power	99.6W	120W	120W
	Ripple&noise	100mVp-p	120mVp-p	150mVp-p
	DC voltage ADJ. range	-9% ~ +10%	± 10%	± 10%
	Setup, rise, hold up time	600ms,30ms,16ms/230VAC.		
Input	Voltage range	90 ~ 264VAC 47 ~ 63Hz, 127 ~ 373VDC		
	AC current	2.6A/110VAC 1.6A/220VAC		
	Efficiency	82%	84%	85%
	Inrush current	Cold start25A/110VAC 45A/220VAC		
	leakage current	< 1mA/240VAC		
Protection	Overload	Rated output power105% ~ 135%Start overload protection		
		Protection type : rated current limit , auto-recovery after fault condition is removed		
	Over voltage	15.8 ~ 17.8V	30.8 ~ 34.8V	54 ~ 57.8V
		protection type : cutoff output, restart power after fault condition is removed can recover normal output		
Environment	Working temp, humidity	-20°C ~ +60°C;20% ~ 90%RH(Please refer to “derating curve” )		
	Storage temp, humidity	-40°C ~ +85°C;10% ~ 95%RH Non-condensing		
Safety	Withstand vibration	10 ~ 500Hz, 5G 10min./1Cycle, Period for 60min, Each axes		
	Withstand voltage	I/P-O/P: 1.5KVAC 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		
Fit standard	Safety standard	Compliance to UL 62368-1,TUV 62368-1,EN 62368-1		
	EMC Standard	Compliance to EN 55032, CLASSA		
Others	Weight	65.5*125.2*100mm ( L*W*H )		
	Packing	0.8kg/20pcs/17kg		

Note:

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 & 47uf parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.

Mechanical specification

Unit:mm



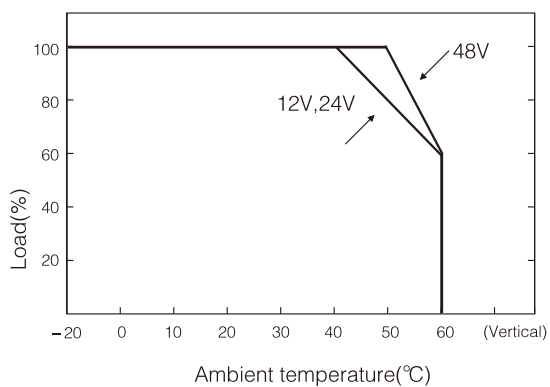
Terminal Pin No. Assignment(TB1)

Pin NO.	Assignment
1	FG ⊕
2	AC/N
3	AC/L

Terminal Pin No. Assignment(TB2)

Pin NO.	Assignment
1,2	DC OUTPUT +V
3,4	DC OUTPUT -V

Derating curve



Static characteristic

