



■ Feature:

- ◆ Efficiency up to 89% and ultra-low standby power consumption
- ◆ 150% peak load capacity
- ◆ Built in short circuit/overload/overvoltage/over temperature protection
- ◆ Free air convection cooling
- ◆ Can be installed on DIN rail TS-35/7.5 or 15
- ◆ BS EN/EN61000-6-2 (BS EN/EN50082-2) Industrial Immunity Level
- ◆ 100% full load aging test

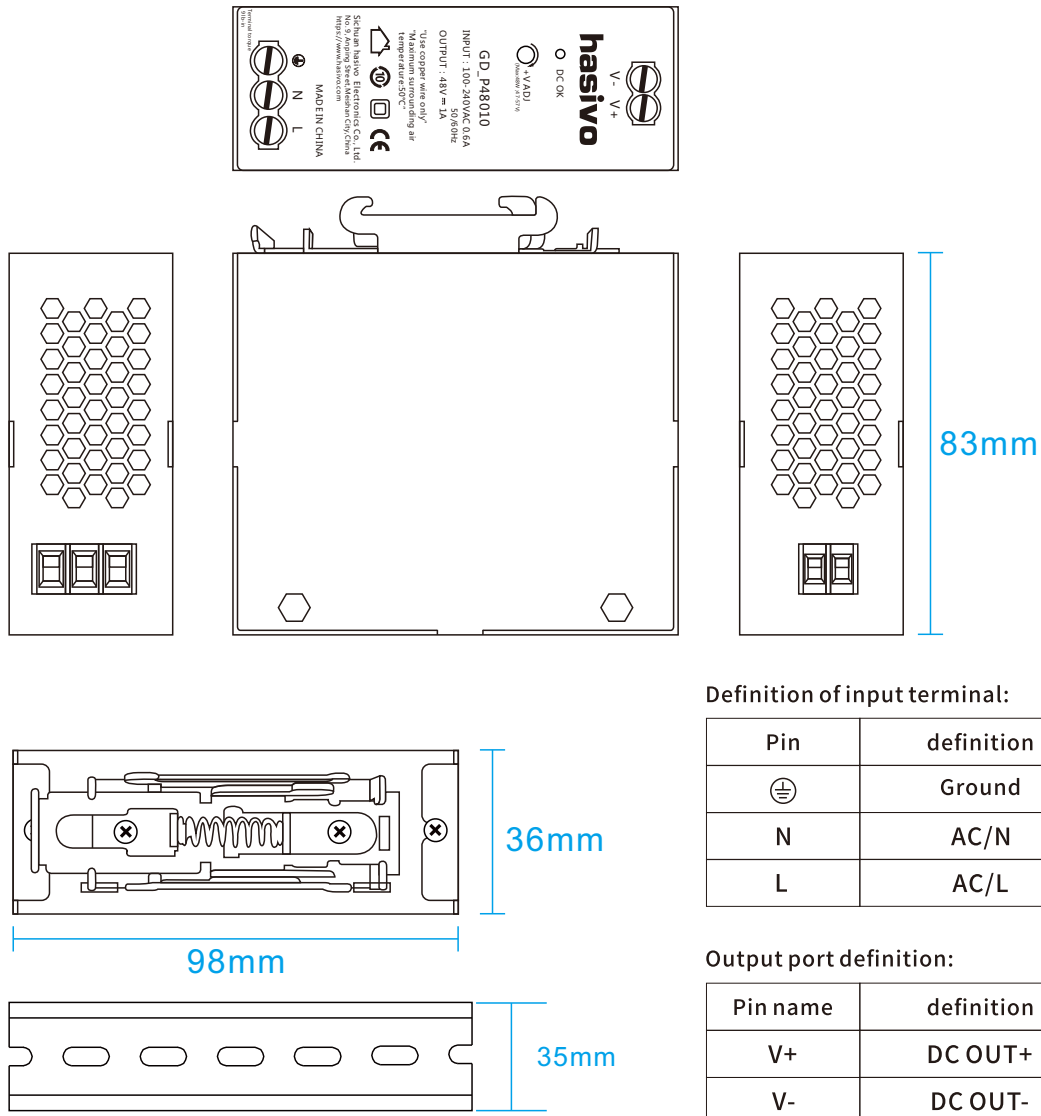
Product parameters

Model		GD_P12040	GD_P24020	GD_P48010
Product		Industrial DIN Power		
Output	Voltage	DC 9-15V	DC 16-27V	DC 38-57V
	Rated Current	4A	2A	1A
	Current Range	0.1-4A	0.1-2A	0.1-1A
	Ripple	<100mVP-P		
	Output Accuracy	±1.1%		
	Voltage Regulation	±1%		
	Load Regulation	±1%		
	Power Rating	48W...peak output:50W		
	Output Adjustment Range	ADJ		
	Setup-Rise-Hold Time	500ms...30ms/220VAC		
Input	Voltage	100~240V AC		
	Current	<0.6a(average current:0.1-0.6A)		
	Currency Range	47~63Hz		
	Efficiency	87%-89%	88%-90%	90%-91%
	Inrush Starting Current	Cold start 0.7A/110VAC		
	Leakage Current	<5mA/230VAC		
Protection Features	Over-power Protection	>50W,Grid protection, direct fault elimination		
	Over-voltage Protection	Input:>265V		
	DC Short Protection	Interval hiccup on the power supply; and power supply recovers after short circuit removed		
	Over-temperature Protection	Auto over-temperature protection,auto recovery when temperature drop to a safe range		
Operation Environment	Operation Temperature/ Humidity	-35°C~+75°C; 10%~95 %RH		
	Operation Temperature/ Humidity	-45°C~+90°C; 10%~95 %RH		
	Seismic resistance	10~500Hz, 2G 10min/ 1 cycle, duration of 60 minutes, for each axis		
Security& EMC Standard	Pressure resistance	Input output room: 3KVAC Input to ground: 1.5KVAC Output to ground: 0.5KVAC		
	Insulation resistance	Input output, input to ground, output to ground: 100M Ohms/500VDC		
	Safety standards	CE FCC		
	Product /Packing Size (L*W*H)	98*83*36mm;105*105*40mm		
	N.W/G.W (kg)	0.29/0.32Kg		

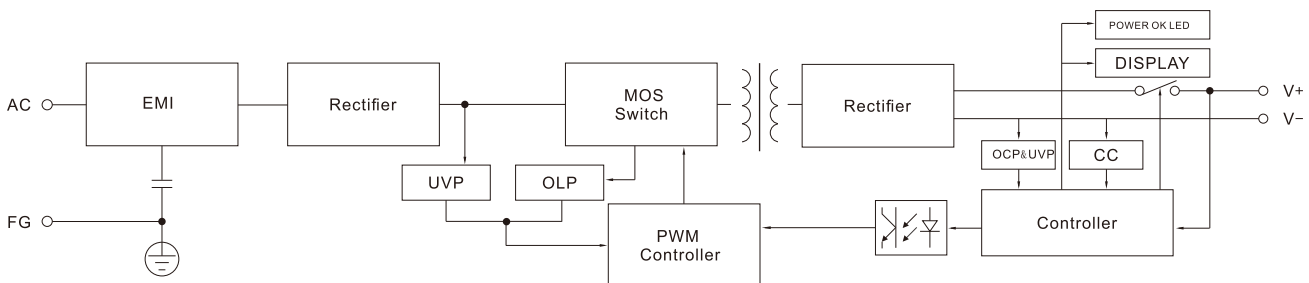
Notes

- 1.All the parameters are tested under the condition of 220V AC input, rated load, temperature at 25°C and humidity at 70%.
- 2.Accuracy: setting errors, voltage regulation and load regulation.
- 3.Ripple test: Connect the power and the load device with 30cm twisted cable, and parallelly connect capacitor of 0.1uf and 47F on the load end, at last, get the result on 20M oscilloscope that connected to the load end.
- 4.Voltage Regulation: get the result under the condition that at rated load, input voltage from low to high.
- 5.Load Regulation: get the result from the load changes of 0%~100% on the tested output end.

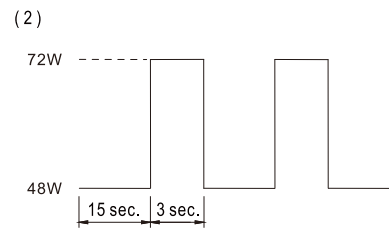
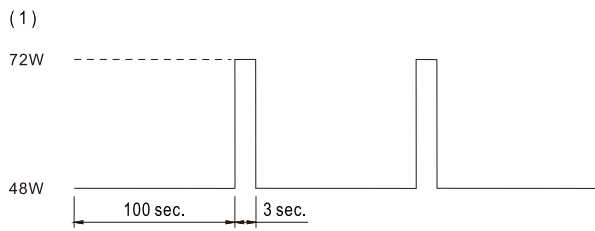
■ Mechanical dimension diagram:



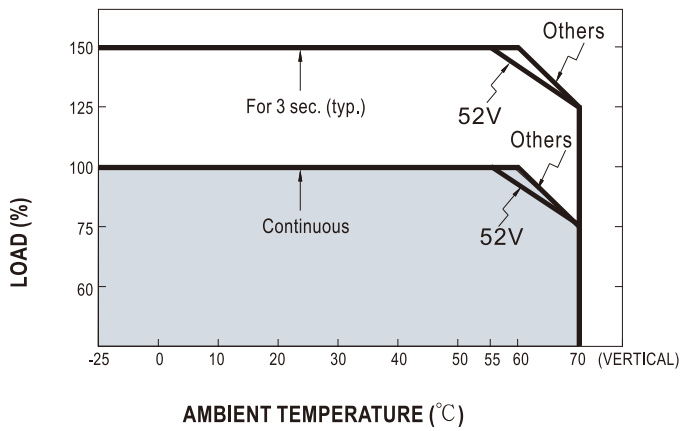
■ Bolck diagram:



Peak Loading



Derating Curve



Output derating VS input voltage

