

# Din Rail Series (30W)

STONTRONICS: DG-30-S12, DG-30-S24



## Features:

- High efficiency up to 94.5%
- 75w – 960w with parallel function
- “Slim” case occupying less din rail space
- Up to 30% smaller than industry standard
- Output voltage up to 110% V nom
- Output power up to 110%
- 150% peak output current for 3 seconds
- -25°C to 70 °C
- Installation on TS-35/75 or TS-35/15

## Description:

The TT Electronics range of Din Rail Power Supplies can be installed on either TS-35/7 or TS-35/18. Featuring wide ranging universal Input for many industrial application and come with a 3 year warranty as standard. This 30 Watt unit is offered in 12 & 24V.

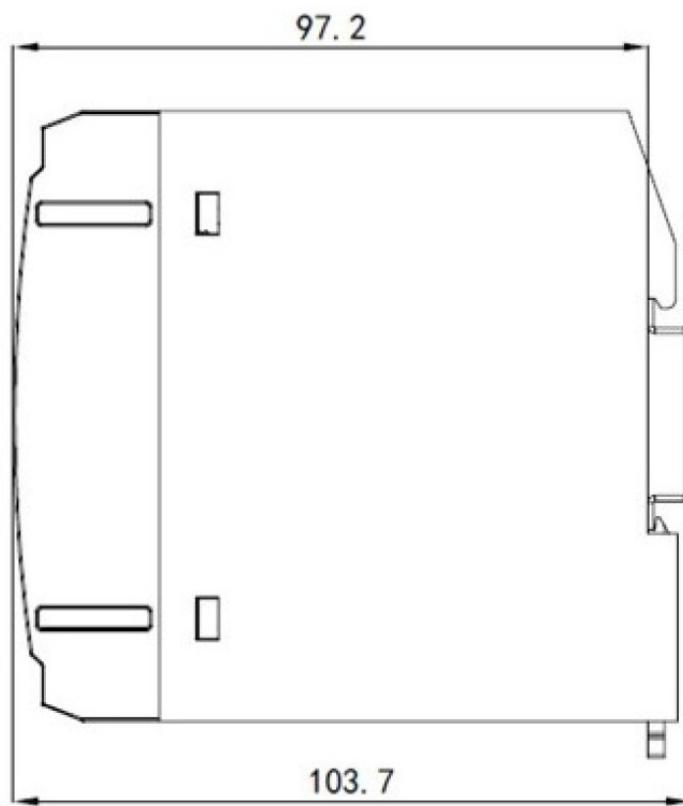
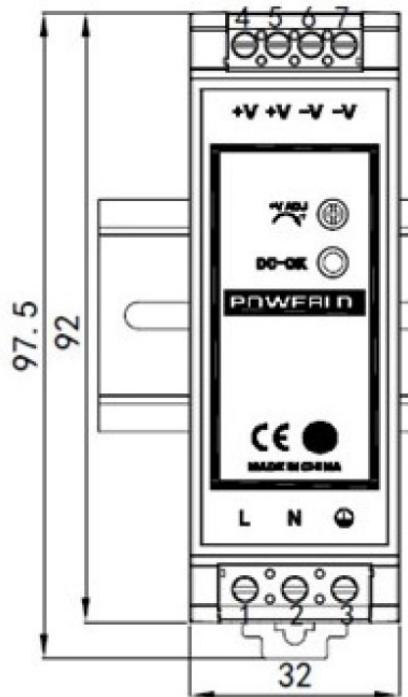
Range Specification							
Part Number	DC Output	Rated Current	Current Range	Ripple & Noise	Voltage Accuracy	Line Regulation	Load Regulation
DG-30-S12	12V	2.5A	0-2.5A	<50mV	±1%	±0.5%	±1%
DG-30-S24	24V	1.25A	0-1.5A	<50mV	±1%	±0.5%	±1%

Specification	
Voltage Range	90-264VAC
Frequency Range	47-63Hz
Efficiency	Up to 94%
Over Load	120%-150% Constant power with auto recovery
Over Temperature	Protection Type: Shut down, auto recovery
Operating Temperature	-25°C ~ 70°C
Operating Humidity	20%~90%RH No condensing
Storage Temperature	-40°C~85°C
Safety	GB4943/EN60950
Leakage Current	Input—output: ≤0.25mA Input—PG: ≤3.5mA
Isolation Resistance	Primary-Secondary: >10M ohms .Primary-PG: >10M ohms. Secondary-PG: >10M ohms
EMC Emission	Compliance to EN55022, EN55024, Class B
Harmonic Current	Compliance to EN61000-3-2, CLASS A
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN55024 light industry level
MTBF	300,000 Hrs
Dimensions	92x32x103.7mm

## General Note

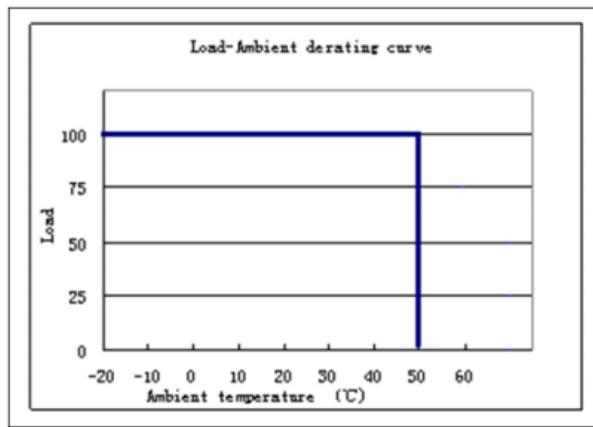
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### Diagrams

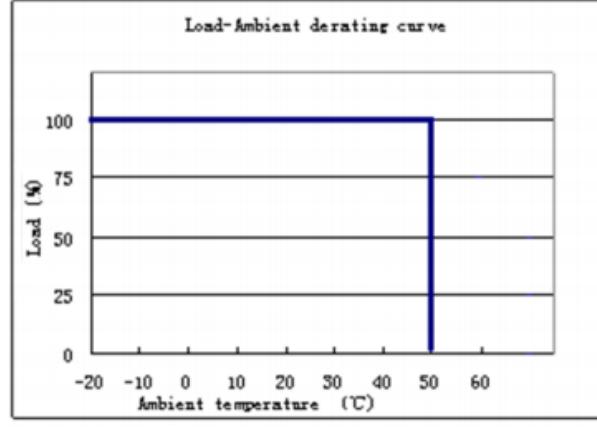


### Derating Curves

**DG-30-S12**



**DG-30-S24**



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