

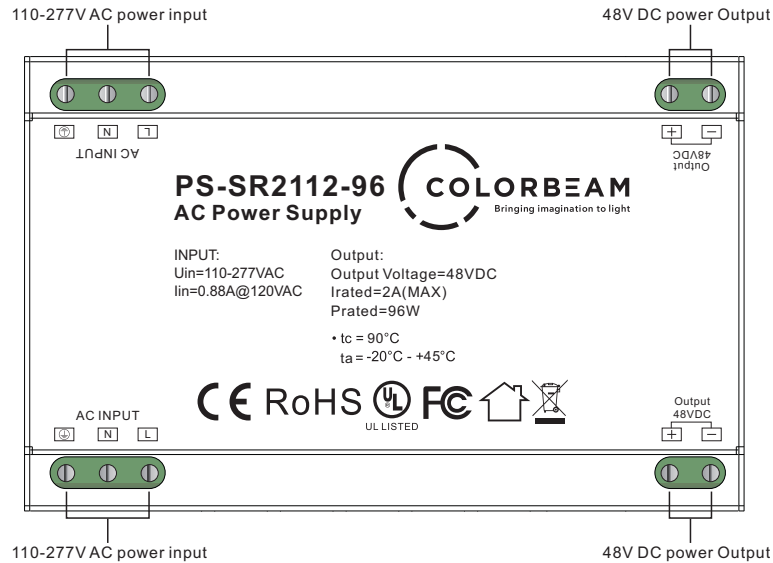
# 96W 48V Power Supply (constant voltage)

09.2112PS96.04765



**Important:** Read All Instructions Prior to Installation

## Function introduction



## Product Data

Output	Output Channel	1
	DC Voltage	48V DC
	Max. Current	Max. 2A
	Voltage Tolerance	± 1%
	Rated Power	max. 96W
Input	Voltage Range	110-277V AC
	Frequency Range	50/60Hz
	Power Factor (Typ.)	> 0.90 @ 120VAC
	Total Harmonic Distortion	THD ≤ 10% (@ full load / 120VAC)
	Efficiency (Typ.)	88% @ 120VAC full load
	AC Current (Typ.)	0.88A @ 120VAC
	Inrush Current (Typ.)	COLD START Max. 60A at 120VAC
Leakage Current	< 0.5mA/120VAC	

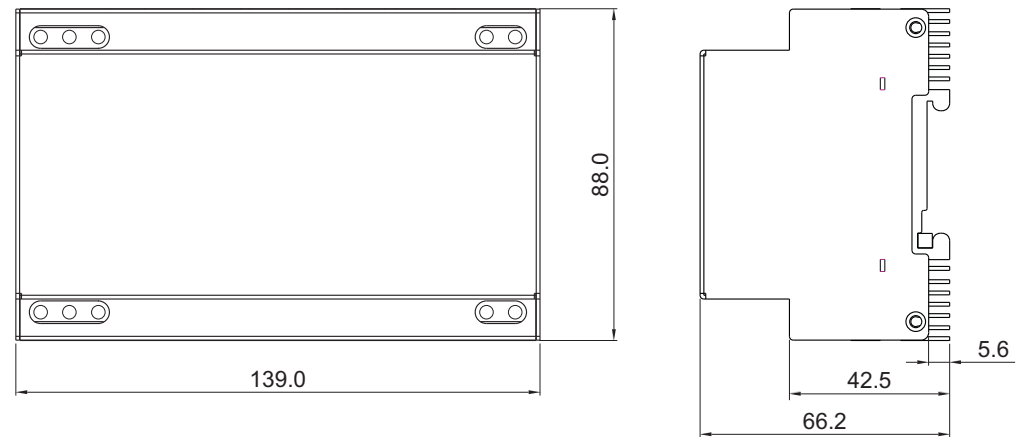
Protection	Short Circuit	Yes, auto recovery after fault removed
	Over Current	Yes, auto recovery after fault removed
	Over Temperature	Yes, auto recovery after fault removed
Environment	Working Temp.	-25°C ~ +45°C
	Max. Case Temp.	90°C
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH
Safety & EMC	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH
Others	MTBF	193.6K hrs min. @ 230VAC full load and 25°C ambient temperature
	Dimension	139×88×66.2mm (L*W*H)

- 96W power supply with metal casing
- 1 channel 48VDC constant voltage output
- Built-in active PFC function
- PF > 0.9, Efficiency > 88%
- Compliant with Safety Extra Low Voltage standard
- Short circuit, over load, over temperature protection
- IP20 rating, suitable for indoor applications
- 5 years warranty

## Safety & Warnings

- DO NOT install with power applied to the device.
- DO NOT expose the device to moisture.

## Product Dimension



## Wiring diagram

