

TRPC300-1USG

FEATURES

- Certified CB 62368-3
- Meet 80 Plus Gold standard
- Meet 1U standard mechanical design
- Meet PMBus 1.2
- Design for 5,000 Meter above sea level
- High Reliability
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection
- Support zero load on 3,3V or 5V output

SAFETY STANDARD APPROVAL



DESCRIPTION

TRPC300-1USG is a redundant power supply. The power supply offers the total power capacity up to 300 Watts and provides AC dual input features, which increases the system availability and run time. In addition, the power supply is ideally the best choice for networking devices, AI, NVR, and some automation applications. The product supports high efficiency and PMBus and also complies with the latest world wide safety and EMC standards.

GENERAL SPECIFICATIONS

Dimension (L x W x H): 190 x 100 x 40.5 (mm)

Efficiency: 80 Plus Gold compliant

Hold-up time at 100% Loading: 12V = 17ms

Operating altitude: 5,000 meters above sea level

Environment

Working temperature: 0°C to 50°C

Storage temperature: -40°C to + 70°C

Working humidity: 5% to 90% RH non-condensing

Storage humidity: 5% to 95% RH non-condensing

MTBF (SR-332 Issue 2): 100,000 hours of continuous operation at 25°C, 100% output load

Applications: Storage System , Workstation, Industry Controller

INPUT SPECIFICATIONS

Input voltage: 90-264Vac

Input frequency: 47-63Hz

OUTPUT RATING

Outputs	Input Voltage	Min. Current	Max. Current
+12V	100~240V	0.1A	25A
+3.3V		0A	20A
+5V		0A	20A
-12V		0A	0.5A
+5Vsb		0A	3.0A

MECHANICAL SPECIFICATIONS

UNIT: mm

