

DC Input HIGH POWER , Switching Mode Converter

OVERALL PERFORMANCE:

- ▶ Power Good Signal TTL Compatible signal, on delay 100~500ms, off delay 1ms min.
- ▶ Short Circuit Protection (SCP) All output equipped with SCP (shutdown and latch off)
- ▶ Over Power Protection (OPP) Peak power protected to 130%±10% of continuous rated power (shutdown and latch off)
- ▶ Over Voltage Protection (OVP) +48VDC unit output voltage.

RELIABILITY:

- ▶ **MTBF (Mean Time Between Failure):** **>100,000 hours @max. Load, Each inpout Vvoltage DC & 25°C ambient**
- ▶ Safety Standards: Meet UL60950, TÜV EN60950
- ▶ Safety Approved:
- ▶ EMI Compatibility (EMC) Standard: FCC Part 15 Class B, CISPER22 (EN55022) Class B (CE mark)
- ▶ Dielectric Withstand Input to Output: 1500Vac for 1 sec., Input to Frame Ground: 1500Vac for 1sec.
- ▶ Leakage Current <0.25mA @250Vac



Technical specification:

Model Number	STC 24150048
Nominal Input Voltage	24 VDC
Input Voltage Range	18-36 VDC
Voltage Out	48 VDC
Continuous Power	1500 Watts
Peak Output Current	50 Amperes
Operating Altitude	10m below sea level to 3000m above sea level
Connector type	25A/300V UL Approved 8pin terminal
Efficiency	70% typical at 24Vdc full load
Protection	Overload, Short Circuit, Over/Under Voltage, Over Temp.
Ripple and noise	480 mV
Cooling	1500W air cooling
Operating Temperature	0 – 50° C
Safety	Meet UL60950, TÜV EN60950
Weight	15 kg
Dimension	312(L) x 482.6(W) x 66.1 (H) mm

