

SPS-2460-xx

External DC Power Supply

For Stand-alone Media Converters



SPS-2460-SA
Stand-Alone Power Supply



SPS-2460-PS
Piggy-Back Power Supply

Transition Networks' wide input external power supplies allow you to provide a wide range of input voltages to power your stand-alone converters and chassis. Input voltages of 24 – 60 VDC and 24 – 42VRMS allow for installation of any of Transition Networks' stand-alone media converters in most industrial, telecom and commercial applications, as well as HVAC and building controlled environments.

Multiple form factors allow flexibility to meet your application. The stand-alone form factor can be used with all Transition Networks' stand-alone media converters as well as the single-slot and dual-slot Point System™ Chassis. The piggy back form factor allows the power supply to attach directly to the converter and eliminate the power cable commonly found between the power supply and the converter. Once the piggy back supply is attached to the converter, the combined assembly is much easier to wall mount or attach to DIN Rail environments than using a separate supply.

Specifications

Output	Voltage: 12.25 VDC Current: 1.0A Load Regulation: $\pm 5\%$ at 10% load to full rated load Noise and Ripple: ± 40 mV peak-to-peak of output voltage
Input	Voltage: 24 – 60 VDC; 24 – 42VMRS Efficiency: 80% (typical)
Isolation Voltage	(Dielectric withstand) Meets IEC 950 for one minute 1500 VAC: Output/Input 1500 VAC: Input/Safety GND 1500 VAC: Output/CASE
Protection	Over Load Protection (OLP): When the average power rating exceeds 125%-150% of maximum power, output voltages reduced to a safe dissipation level; protects against short circuit of any output No Load Protection: No damage to power supply when operating at no load Transient Protection: No voltage spike at power-on, power-off, or power failure
Dimensions	SPS-2460-SA: Width: 3.75" [95 mm] Depth: 3.1" [79 mm] Height: 1" [25 mm] SPS-2460-PS: Width: 4.5" [114 mm] Depth: 3.4" [86 mm] Height: 1" [25 mm]
Power Consumption	3 Watts (max) @ 24 VDC input, 12.25 VDC output
Environment	Operating: -20°C to 65°C Storage: -40°C to 85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	1 lb. [0.45 kg]
MTBF	Greater than 250,000 hours with typical load Operating at 25°C temperature (calculated according to MIL-HDBK-217E)
Compliance	CISPR/EN55022, Class A, FCC Class A
Warranty	Lifetime

Ordering Information

SPS-2460-PS
Piggy-Back
For use with: Point System™ stand-alone media converters 3.25" wide (SBFTF1011-100; SGETF1013-100, etc.)

SPS-2460-SA
Stand-Alone
For use with: All stand-alone media converters; Single-Slot Point System™ Chassis; Dual-Slot Point System™ Chassis