

Power Supplies

StoneL Model 459002

2.8 Amp AS-Interface Power Supply

This compact power supply is designed for use with AS-Interface systems where power and data share the same wires. The 2.8 Amp power supply provides power to the AS-Interface bus for operation of masters and slaves for output devices. Integrated into the supply is a power conditioner which decouples data from the power supply enabling signal and power to be carried on the same pair of wires.

Features

- Current limited/short circuit protected
- Regulated to $\pm 3\%$
- Power decoupled from communication signal



Specifications

Output Voltage	• 30.55 VDC $\pm 3\%$
Output Current	• 2.8 Amps (85 Watts)
Output Inductance	• 100 mH $\pm 10\%$
Input Voltage	• Selectable 120 / 240 VAC (47-63 Hz)
Displays	• Power on, green LED
Current Limits	• 3.2 Amp (min) 4.6 Amp (max)
Operating Temp.	• -10° to +70°C (-14° to +158°F)
Storage Temp.	• -25° to +85°C (-13° to +185°F)
Housing	• Al/Mg Alloy, DIN rail mounting
Dimensions (L, W, H)	• 124mm, 49mm, 112mm
Ingress Protection	• IP20, field enclosure required
Weight	• 500g (1.1 pounds)



Enclosure Option



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Schematic Drawing

