

Power Supplies

StoneL Model 459004

8.0 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 8.0 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	• 8.0 Amps (244 Watts)
Output Inductance	• 100 mH $\pm 10\%$
Input Voltage	• Selectable 120 / 240 VAC (47-63 Hz)
Displays	• Power on, green LED
Current Limits	• 8.4 Amp (min)
Operating Temp.	• -10° to $+70^{\circ}\text{C}$ (-14° to $+158^{\circ}\text{F}$)
Storage Temp.	• -25° to $+85^{\circ}\text{C}$ (-13° to $+185^{\circ}\text{F}$)
Housing	• Al/Mg Alloy, DIN rail mounting
Dimensions (L, W, H)	• 124mm, 91mm, 112mm
Ingress Protection	• IP20, field enclosure required
Weight	• 890g (2.0 pounds)



Enclosure Option



p.166

Schematic Drawing

