

Site-Specific Solutions, Inc.

Model SSS-12-12-ISO

Nominal 12 Volt Isolated Output DC-DC Converter

Electrical Specifications

Input Voltage Range: 9-18VDC

Output: Nominal 12VDC, Isolated. Range: 11.5 to 12.2VDC no load to 2A

Note:

The output voltage varies over the load range because of the drop across the insertion impedance in the output circuit which is in the lightning protection network. This is not significant because it is independent of input voltage typical of a nominal 12V system which is 9.8—16.2VDC.

- **Rated Load Current: 2A Continuous**
- **Two-stage lightning protection on both the Input and Output---no additional protection required**
- **Input is fused at 10A and uses a standard ATO Miniature Automotive Plug-in style fuse for easy replacement.**
- **Continuous short-circuit protection with automatic re-start**
- **Isolation: Input-to-Output is 1500VDC, 1000Vac**
- **LED Status indicators for the House Battery input side and the Isolated 12VDC output side for quick status indication and troubleshooting.**

Mechanical Specifications

Open Board Design

Dimensions: 4-13/16 in. X 3-9/16 in.

Mounting and electrical connections are made through standard AAR terminal post connections with 1-inch centers. No wiring directly to the board for easy installation.

General

Warranty: 2 years

Lead Time: Stock to 8 weeks

For pricing and ordering, contact :

Site-Specific Solutions, Inc.

Phone: 412-407-7747

Site Specific Solutions, Inc. 447Clokey Ave. Pittsburgh, PA 15228
Phone: 412-407-7747 FAX: 412-341-2267



Photograph showing the SSS-12-12-ISO Power Supply mounted to a Standard AAR Terminal Block (not supplied)

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