12 VDC Regulated Power Supply



DS12

Description

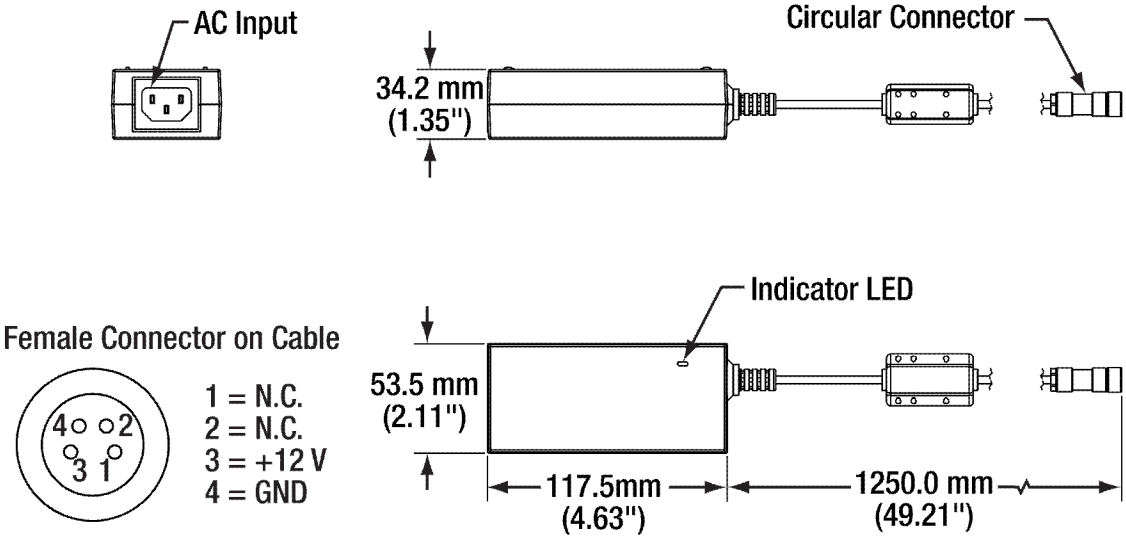
The DS12 is a 12 VDC regulated power supply with an M8, 4-Pin female connector. It is compatible with any M8, 4-pin male device that accepts a 12 VDC output.

Specifications

General Specifications	
DC Output	12 V
Max Output Current	4 A
Output Power	48 W
Output Ripple	100 mV_{p-p}
Input Current	1.5 A
Input Voltage	100 - 240 V
Connector Type	M8, 4-Pin Female

Other Specifications	
Operating Temperature	-20 °C to 40 °C
Storage Temperature	-30 °C to 80 °C
Operation at Relative Humidity	0% to 95%
Weight	327 g (0.69 lbs)
Efficiency Level	VI

Drawing



Safety Information

General: All statements regarding safe operation and technical data in this user guide will only apply when the unit is operated correctly. Additional support documentation for this particular product is available at www.thorlabs.com.

Covers and Service: Do not remove the cover of the power supply. There are no user serviceable parts in these products. If service is required, please contact Thorlabs Tech Support at techsupport@thorlabs.com or one of the region-specific contact numbers given at the bottom of this page.

Precautions

Fire and Shock Hazard: The DS12 is a fire or shock hazard and operates from AC voltages, which are potentially harmful and can cause death. Do not tamper with the power supply or attempt to make alterations. Do not use if cracked, damaged, or altered.

Explosive Environments: Do not operate this device in explosive or hazardous environments.

Wet Environments: Do not operate this device in wet or damp environments.



