24 VDC Regulated Power Supply



DS24

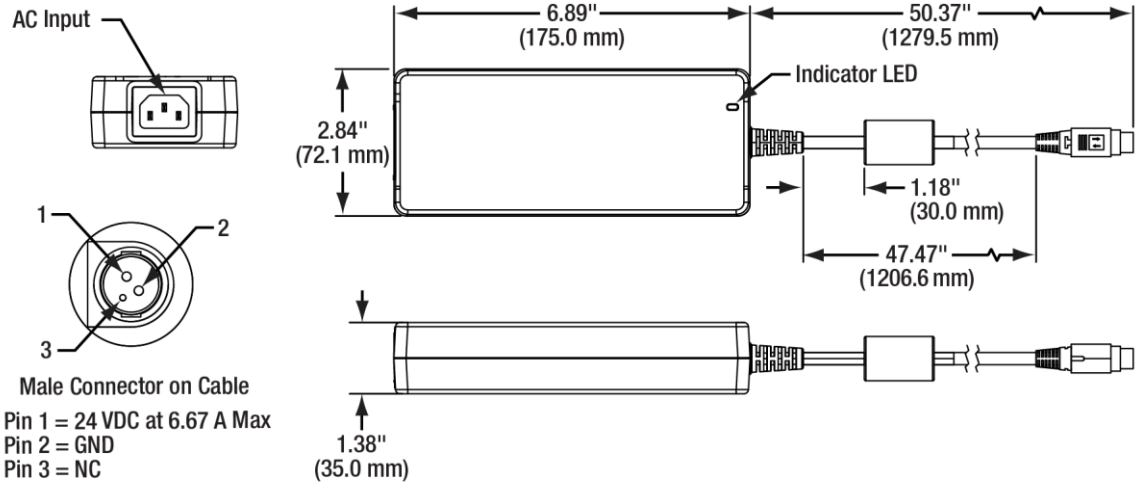
Description

The DS24 is a 24 VDC regulated power supply with a KPPX-3P male connector. It is compatible with KPJX-3S or similar 3P female devices that accept a 24 VDC output.

Specifications

General Specifications	
DC Output	24 V
Max Output Current	6.67 A
Output Power	160 W
Output Ripple	150 mV_{p-p}
Inrush Current (Max)	Cold Start: 95 A @ 115 VAC, 120 A @ 230 VAC
Input Voltage	85 – 264 VAC
Connector Type	KPPX-3P, 3-Pin Male
Operating Temperature	-30 °C to 70 °C
Storage Temperature	-40 °C to 85 °C
Operation at Relative Humidity	20% to 90%
Weight	660 g (1.45 lbs)
Efficiency	93%

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.

Precautions

Fire and Shock Hazard: The DS24 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.



