

Specifications



Product name	Power Supply for LED light
Model	PB-2430-M12
Lighting method	Constant lighting
Drive method	Constant voltage system
Light control method	Variable voltage control
No.of channels	Two channels
Applicable illumination (rating)	12V/24V Total 30W
Light control	Use the light control knob on the front panel to adjust the radiant quantity. Turn the light control knob clockwise to make the light brighter, and turn it counterclockwise to make the light dimmer. L1 adjustment range: 7.3 to 9.1V min., 10.8 to 12.5V max. L2 adjustment range: 13.5 to 16.5V min., 21.6 to 22.5V max.
Over current protection	Built in (input section, with poly-switch), 5.0A, 20°C during continuous operation
Input voltage (rating)	24V DC
Input voltage (range)	21.6 to 26.4V DC
Power consumption (typ.)	36W
Output voltage (rating)	L1: 8.3 to 12V DC, L2: 15 to 22V DC
Dielectric strength (input/output-FG)	250V AC for one minute 10mA cutoff current 500V DC, 1MΩ min.
Operating temperature and humidity	Temperature: 0 to 40°C, Humidity: 20 to 85%RH (No condensation)
Storage temperature and humidity	Temperature: -20 to 60°C, Humidity: 20 to 85%RH (No condensation)
Cooling method	Natural air cooling
Altitude	2000m max.
Protective ground	Class III
Pollution level	Pollution level II
Over voltage category	Category II
CE marking	EMC standard: Complies with EN61326-1, EN61000-6-2, EN61000-6-4
Environmental Regulation	RoHS compliant
Input connector	Input terminal block, use M3 screws with 7.62-mm pitch
Output connector	L1: SMP-02V-BC(JST), L2: SMP-03V-BC(JST), L2: M12 connector (PHOENIX CONTACT)
Dimensions	105 x 60 x 38 mm (WxDxH) Not including protrusions such as connectors, knobs, legs, etc.
Material, coating, surface processing	Steel plate, Thickness: 1.0, N3, Matt finish
Weight	300g
Accessories	Instruction guide 1