



Date
Project
Fixture
Comments

Part Number	Description
PP36	PowerPak Plug and Play 24VDC

Description

The PowerPak Plug and Play power supply is the perfect way to inject power and DMX data into your Gantom Pro Cable system. This power supply has an Edison plug for easily connecting to a wall outlet. It also has a male 5pin XLR connector for inputting a DMX control signal. On the output side is a single female Gantom Pro Cable Trunk connector. The Gantom Pro Cable system bundles low voltage power and DMX signal into a single cable to minimize the amount of wiring required.

This power supply is capable of providing power to up to 32 of our 4.8W Gantom DMX fixtures. The maximum number of fixtures that can be powered on a system is dependent on the total length of cable in the system. Please reference the Pro Cable system guidelines for more information.

Features

- ▶ Edison plug for connecting to power outlet
- ▶ Power Input: 100-277VAC 47/63Hz
- ▶ Power Output: Constant Voltage 24VDC 8.33A / 200W
- ▶ Signal input: male XLR5 connector for DMX
- ▶ Output Connector: Pro Cable Trunk Female Connector for Power/Signal
- ▶ Durable metal housing
- ▶ UL, CE, RoHS certified

Technical Specifications

Output

DC Voltage	24VDC
Rated Current	8.33A
Current Range	0~8.33A
Rated Power	200W
Ripple&Noise(max)	150mV
Voltage Tolerance	+/-0.5V
Setup Rise Time	80ms/110VAC, 220VAC
Hold Up Time(Typ.)	60ms/110VAC, 220VAC
Output Connector	Female Pro Cable Trunk connector

Input

Voltage Range	90~265VAC
Frequency Range	50~60Hz
Power Factor(Typ.)	>0.95@110VAC ; >0.98@220VAC
Efficiency(Typ.)	>91%
AC Current(Typ.)	2.10A@110VAC; 1.01A@220VAC
Inrush Current(Typ.)	COLD START 50A/110VAC, 220VAC
Power Input Connector	Edison Plug
DMX Input Connector	XLR5 Male Connector

Physical

Dimensions	245x70x48mm (L x W x H)
Weight	1.7Kg (3.75lb)
Material	Metal Housing

Warranty

Power Supply Warranty	2 years
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Safety&EMC

Safety Standards	CE ETL Mark(EMC,LVD)
Withstand Voltage	I/P-O/P:3.0KVAC IP-GND:3.0KVAC
EMC Test Standards	EN55015:2006; EN61547:1995+2000; EN61000 -3-2:2006; EN61000-3-3:1995+A2:2005; EN61346-1:2001; EN61347-2-13:2006

Environment

Working Temperature	-30~+55°C (Refer to output load)
Working Environment	Meant for Indoor Installation
Storage Temperature, Humidity	-40~+80°C, 10~99%RH

Protection

Short Circuit	Protection Type: recovers automatically after condition is removed
Overload	overload protected@145-160% above peak rating
Over temperature	Protection Type: Shut down o/p voltage, re-power on to removed

Derating Curve

