



Date
Project
Fixture
Comments

Part Number	Description
PP35	PowerPak Max - 24VDC - 200W - IP67

## Description

The PowerPak Max 24VDC power supply provides the maximum recommended power for a wiring system for Gantom light fixtures. Operating at 24VDC instead of 12VDC helps reduce the voltage drop in the wires, allowing you to extend your cable runs much further.

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.

This power supply has a durable metal housing and is rated IP67 for outdoor installation.

## Features

- ▶ Input Connector: Bare Wires (hot, neutral, ground)
- ▶ Power Input: 100-305VAC 47~63Hz
- ▶ Output Connector: Bare Wires ( + and - )
- ▶ Power Output: Constant Voltage 24VDC 8.33A / 200W
- ▶ 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)	200mV
Voltage Tolerance	+/- 2%
Setup Rise Time	500ms, 100ms/230VAC, 1000ms, 100ms/115VAC
Hold Up Time(Typ.)	10ms/ 230VAC 10ms/ 115VAC
Output Connector	Bare Wires

#### Input

Voltage Range	100 ~ 305VAC
Frequency Range	47 ~ 63Hz
Power Factor(Typ.)	PF $\geq$ 0.97/115VAC, PF $\geq$ 0.95/230VAC, PF $\geq$ 0.92/277VAC@full load
Efficiency(Typ.)	>92%
AC Current(Typ.)	1.8A / 115VAC 1.2A / 230VAC 1.0A/277VAC
Inrush Current(Typ.)	COLD START 60A(twidth=510 $\mu$ s measured at 50% Ipeak) at 230VAC
Power Input Connector	Bare Wires

#### Physical

Dimensions	245x71x38mm (L x W x H)
Weight	1.3Kg (2.87lb)
Material	Metal Housing

#### Warranty

Power Supply Warranty	2 years
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#### Safety&EMC

Safety Standards	UL8750(type"HL"), CSA C22.2 No. 250.13-12; IEC/EN/AS/NZS 61347-1, IEC/EN/AS/NZS 61347-2-13 independent, EN62384; EAC TP TC 004; BIS IS15885(for 12/12A/12B/12DA/ 24/24A/24B/24DA/ 36/36A/36B/ 42A/42B/ 48/48A/48B/ 54A/54B only); GB19510.14,GB19510.1; IP65 or IP67; KC61347-1,KC61347-2-13 approved
Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:2.0KVAC O/P-FG:1.5KVAC
EMC Test Standards	EN55015, EN61000-3-2 Class C (@load $\geq$ 50%); EN61000-3-3; GB17625.1,GB17743; EAC TP TC 020; KC KN15,KN61547

#### Environment

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

#### Protection

Short Circuit	Protection Type: recovers automatically after condition is removed
Overload	overload protected@113%-160% above peak rating
Over temperature	Protection Type: Shut down o/p voltage,re-power on to removed

