

# **PowerPak Plug and Play**

# 24VDC Power Supply with DMX input



| Date     |  |
|----------|--|
| Project  |  |
| Fixture  |  |
| Comments |  |
|          |  |
|          |  |
|          |  |

| Part Number | Description                  |
|-------------|------------------------------|
| PP36        | PowerPak Plug and Play 24VDC |

# Description

The PowerPak Plug and Play power supply is the perfecty 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



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# **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 Curent(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 |
|                       |         |

## Safety&EMC

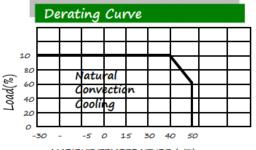
| Safety Standards   | CE ETL Mark(EMC,LVD)  |
|--------------------|---|
| Withstand Voltage  | I/P-O/P:3.0KVAC IP-GND:3.0KVAC  |
| EMC Test Standards | EN55015:2006;<br>EN61547:1995+2000;<br>EN61000-3-2:2006;<br>EN61000-3-3:1995+A2:2005;<br>EN61346-1:2001;<br>EN61347-2-13:2006 |
| Environment     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

#### 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 reating                     |  |
| Over temperature | Protection Type: Shut down o/p voltage,re-power on to removed      |  |



AMBIENT TEMPERATURE ( °C)

