

12/24 Volt DC 11 Amp 135 Watt Output Transformer - 120-280 VAC Input - Inline On/Off Switch

Part #: DCP-11-DP-SW

**Made in the USA**

The Magnalight DCP-11-DP-SW Waterproof Power Supply with inline switch converts commonly used 110 - 260VAC electrical current to 12VDC @11 Amps. This converter includes an inline on/off switch for convenient control of connected devices, a typical straight blade plug on the input end, and a 2 prong Deutsch connector on the output end. This converter can operate with voltages within the 90-295VAC range and converts it to 12VDC, allowing users to use standard AC power to operate equipment like our LED and HID lights that require 12 Volt DC current.

The DCP-11-DP-SW 132 watt power converter with inline switch provides a safe and effective way for users to tap into and utilize common 110 to 260 Volt AC power sources and convert this current to 12 Volts DC for use with equipment that requires 12 volt electrical power. This unit can be operated with input current ranging from 90 to 295 VAC and will output 12 Volt DC current at 11 amps. This power converter features an IP67 rated waterproof design, making it suitable for indoor or outdoor use and includes integral short circuit and overload protection that will shut down the unit in case of faults and overloads to protect the unit and connected equipment from damage.

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This converter comes with an included on/off switch connected inline with the converter's main power cord. This allows operators to easily connect equipment and control its operation from the converter assembly rather than having to plug and unplug the unit. Also included is a straight blade plug on the input lead and a two pin Deutsch connector on the output lead, allowing users to simply plug the unit into a typical wall outlet, then connect any of our 12 volt lights equipped with Deutsch connectors. Most of our 12 volt LED lights and LEDLB, LEDLB-E, LEDP series lights as well as many of our HID units utilize Deutsch connectors, making this unit "plug-n-play" compatible. This converter will also work with our HML-1, CML-1, CML-2, HML-2, CML-3, HML-3 and CML-4 and HML-4 series spotlights. THIS WILL NOT WORK WITH THE HID GOLIGHT SPOTLIGHTS (GL-3XXXH-X models). If you purchase this transformer with any of our Magnalight lights, we will make sure that the connectors are a match.

The switch and converter assembly is mounted to a heavy gauge metal strip with a machined oval opening on one end for easy hanging of the assembly from hooks or other convenient mounting locations. Users can also permanently mount the strip if desired. This unit is durable enough to be used as an inline converter connected between extension cords and devices, allowing users to simply connect the converter and pull the cord behind them just as they would when using any ordinary power cord.

The small size and wide input voltage range of this unit make it ideal for operating Magnalight LED light bars, Golights and other equipment that requires 12VDC current indoors and anywhere 12 volt DC power is not readily available. Measuring 8.7 inches long by 2.5 inches wide by 1.5 inches deep, this unit weighs less than one pound and is mounted with two conventional screws via slots that allow removal and repositioning simply by loosening the screws.

The DCP-11-DP-SW features full range, universal AC input capability and can be operated with 90 to 295VAC. The unit converts this AC power input to 132 watt, 11 Amp 12VDC output. IP67 rated, this unit is waterproof and suitable for indoor or outdoor applications. Integrally designed protection includes overload, short circuit and over voltage safeguards to prevent overheating and unit damage in case of faults or overly heavy current draw. This unit will shut down when an over current or over voltage condition is encountered and recovers when manually turned back on.

This power converter has a -30 / +70C operating temperature range and is UL UL1012 and UL60950-1 compliant as well as compliant with worldwide safety regulations for lighting. This unit has a 92% conversion efficiency and is suitable for use with moving LED signs and similar LED equipment.

NOTE: In order to obtain the best performance and the longest operational life from these units, it is recommended that you do not exceed 75% of the unit's output amperage. To determine if this converter suits your desired application, add together the total wattage of the equipment you intend to use with this unit and divide this total by 12 volts to find the total amperage draw that will be placed upon the converter. For example, if you are using our LEDP10W-60E 60 watt LED light, 60 watts divided by 12 volts is 5 amps. This would mean the DCP-11-DP is well suited as it would run at slightly less than 50% capacity to produce the necessary 5 amps. Running these units at 100% of their capacity can create excess heat and lead to shortened converter life.

Specifications / Additional Information**DCP-11-DP-SW Power Converter****Line In Voltage:** 90-295VAC @47/63 hz**Line Out:** 12VDC @11 Amps**Watts:** 132**AC Input Connector:** 1' Pigtail, Straight Blade Plug**DC Output Connector:** 1' Pigtail, 2 Pin Deutsch Connector**Protection:** Short Circuit/Overload/ Over Voltage**Mounting:** Hangable and Mountable Metal Strip**Operating Temp:** -30 / +70C**Efficiency:** 92%**Dimensions:** 8.7"-L 2.5"-W 1.5"-D**Weight:** 1 Lbs**DCP-11-DP-SW Features**

IP67 Rated Waterproof

Overload, Short Circuit, Over Voltage Protection

UL1012 Compliant

UL60950-1 Compliant

International Lighting Safety Standards Compliant

Suitable For LED Moving Signs

Included ON/OFF Switch

Special Orders- Requirements

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