



## 3 Plug Multiport AC to DC transformer Converts 120-277 volt AC to 24 Volts DC - 12.5 Amp Max

### I. Installation - Waterproof Transformer

*This power supply can be operated on a range of voltages with an input of 120V-277V AC converted to 24 Volts DC at 12.5 amps max. This transformer is specifically designed to allow users to use standard AC power to operate equipment that requires low voltage. This power supply is waterproof, wet and damp area approved and suitable for indoor and outdoor applications.*

#### I. Installation



DEUTSCH CONNECTOR

1. Before commencing any installation or maintenance work, please disconnect the power supply from the utility. Ensure that it cannot be re-connected inadvertently.
2. Keep proper ventilation around the unit and do not stack any object on it. A 10-15 cm clearance must be kept when the adjacent device is a heat source.
3. Mounting orientations other than standard orientation or operate under high ambient temperature may increase the internal component temperature and will require a de-rating in output current.
4. Current rating of an approved primary/secondary cable should be greater than or equal to that of the unit. Please refer to its specification.
5. The wire color will vary by country, please refer to the table for more information.
6. This converter comes with a straight blade plug on the input lead and three two-pin Deutsch connectors on the output lead

**A)** Connect the straight blade plug to a standard receptacle outputting voltage within range 120-277V AC.

**B)** Connect equipment to deutsch plug on other end.

There are three deutsch plugs available for powering equipment. Do not exceed maximum transformer rating listed on nameplate.

Keep lid closed and latched at all times during use. Especially in wet or dusty areas.

Maintenance inside the box should not be required. If maintenance is required, be sure to disconnect from power source! Maintenance must be performed only by authorized electricians.

***Note: Please check the label on your power supply unit for output voltage before attempting to install. Equipment must be capable of accepting 24V DC.***

## II. Safety Warnings and Ratings

### I. Warnings

Risk of electrical shock and energy hazard. All failure should be examined by a qualified technician. Please do NOT remove the case of the power supply by yourself.

Please do NOT install power supplies in places with high ambient temperature or close to a fire source. Please refer to the specifications about the maximum ambient temperature limitations.

Output current and output wattage must not exceed the rated values on the specifications.

The FG must be well connected to PE (protective Earth) if the unit equips with it.

### II. Ratings/Features

IP67 Rated Waterproof  
Overload, Short Circuit, Over Voltage and  
Over Temperature Protection  
UL1012 Compliant  
UL60950-1 Compliant  
International Lighting Safety  
Standards Compliant  
Suitable for LED Moving Signs

