Waterproof AC/DC Transformer, Y-Connection
120V/280V AC Stepped Down to 12/24V
Instruction Manual

Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. CRITICAL SAFETY INSTRUCTIONS:

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.

This power supply can be operated on a range of voltages with an input of 100V-277V AC converted to 12 Volts DC at 11 amps or 24V DC at 6.3 amps. This waterproof transformer is specifically designed to be wired into building, boat or vehicle electrical supplies, allowing 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.

INSTALLATION

This converter includes a typical straight blade plug on the input end and a Y-connector with two deutsch connectors on the output end. This converter can operate with voltages within the 100-277VAC range and converts it to 12VDC or 24VDC (depending on model), allowing users to use standard AC power to operate equipment like our LED and HID lights that require low volt DC current.

Connect power cable to compatible receptacle within operating voltage range. Plug equipment with 2-pin deutsch plug into matching connector on other end. The device connected should power on at this time. If not, check power source and deutsch connection.

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 RMI-DCP11-20x10-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.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.