PSHW-150W-12V Hardwire Non-Dimming Constant Voltage Driver

SPECIFICATION SHEET

JOB NAME: _____
LOCATION: _____
QUOTE/REF#: _____

Hardwire LED drivers are commonly used for DC LED systems , typically with on/off switches or compatible RGB controllers. These constant voltage drivers are the perfect match for 120V switches and RGB(W) and DMX controls. Available in a wide range of wattages and mulitple form factors. Use these LED drivers to meet your specific low-voltage lighting needs.

FEATURES

- Universal AC Input / Full Range
- Built-in active PFC function
- High efficiency
- Free air convection cooling
- Short circuit / Over Current / Over Voltage / Over Temperature protection
- OCP point adjustable through output cable or internal potentiometer
- Suitable for LED lighting and moving sign applications
- Suitable for indoor / outdoor installations

INPUT SPECIFICATIONS

INPUT VOLTAGE RANGE	100V ~ 240V AC ± 6%
FREQUENCY RANGE	47 ~ 63 Hz
EFFICIENCY	88%
AC CURRENT	2A/115VAC | 1A/230VAC
INRUSH CURRENT	COLD START 65A at 230VAC
LEAKAGE CURRENT	>1mA / 240VAC

ENVIRONMENT

WORKING TEMPERATURE	-30 ~ 70ºC
WORKING HUMIDITY	20~95% RH non-condensing
STORAGE TEMPERATURE	-40~80ºC
HUMIDITY	10~95% RH
TEMP COEFFICIENT	±0.03% ºC (0~50ºC)
IP RATING	IP67

OUTPUT SPECIFICATIONS

OUTPUT VOLTAGE	12V
OUTPUT CURRENT	11A
CURRENT RANGE	5.5 ~ 11A
OUTPUT POWER	132W
RIPPLE & NOISE	150mVp-p
VOLTAGE TOLERANCE	± 2.0%
LINE REGULATION	± 0.5%
LOAD REGULATION	± 1.0%
SETUP, RISE TIME	500ms, 80ms/230VAC
	300ms, 80ms/115VAC at full load
HOLD UP TIME	50ms/230VAC
	16ms/115VAC at full load

SAFETY SPECIFICATIONS

OVER LOAD	Hiccup Mode
OVER VOLTAGE	Shut Off o/p Voltage

WIRING DIAGRAM

AC/L(Brown)
AC/N(Blue)
FG ⏚ (Green/Yellow)

+V(Red)
-V(Black)

ADJ1(Blue)
ADJ2(White)

150W 12V INDOOR OUTDOOR IP67

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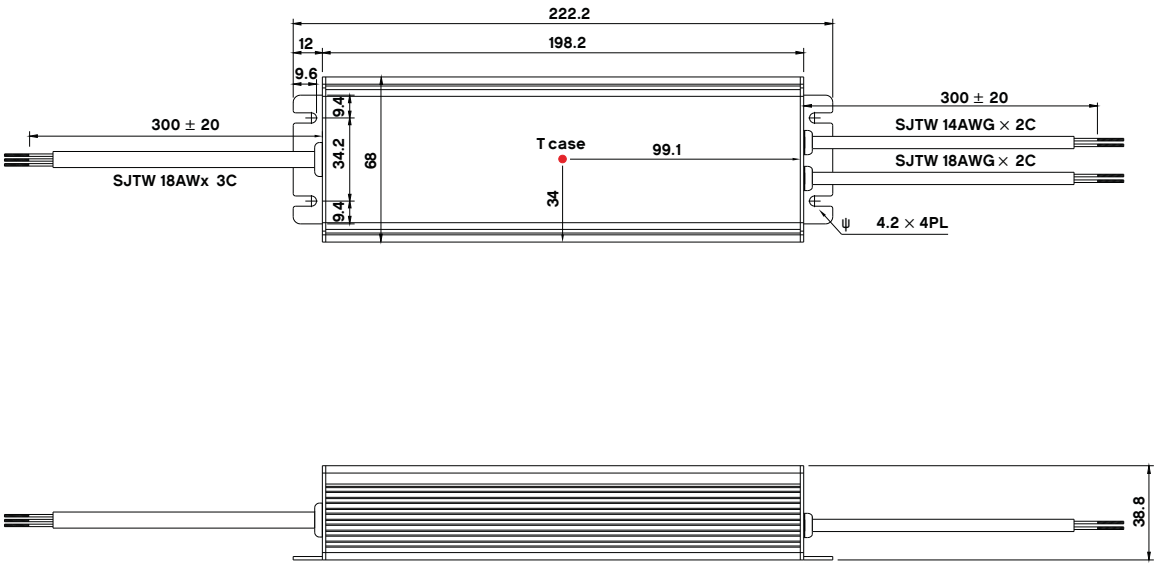
DIAGRAM AND DIMENSIONS



INSTALLATION GUIDE

THIS TRANSFORMER IS ONLY TO BE INSTALLED BY A QUALIFIED TECHNICIAN IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES

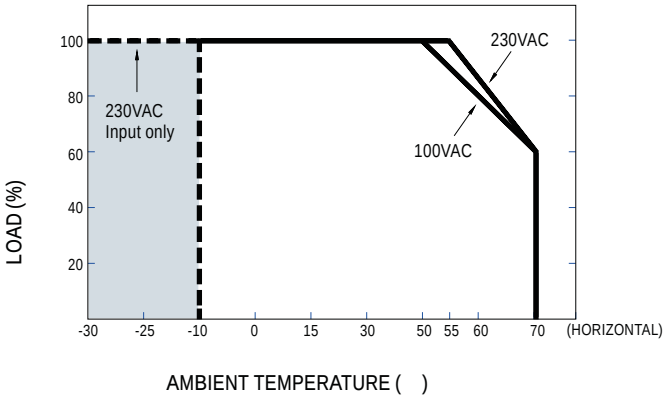
BEFORE YOU BEGIN
Make sure the transformer has the proper input voltage and wattage for the intended job. Check wiring and make sure they match the diagram on this guide.

MOUNTING
Select a suitable and proper location to mount the driver. Consider the weight of the driver to be supported.

INPUT CONNECTIONS / GROUNDING
1. Remove input wiring cover and install strain reliefs.
2. Make sure power is turned off. Route input wires and make connections based on wiring diagram following the INPUT side.
3.Make sure that driver is properly grounded in accordance with the N.E.C.

OUTPUT CONNECTIONS
1. Remove output wiring cover and install clamp connectors.
2. Make sure power is turned off. Route fixture wires and make connections based on wiring diagram following the OUTPUT side.

DERATING CURVE



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