

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 multiple 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	90~305VAC 127~431VDC
FREQUENCY RANGE	47 ~ 63 Hz
EFFICIENCY	91%
AC CURRENT	4/115VAC 2A/230VAC
INRUSH CURRENT	COLD START 65A at 230VAC
LEAKAGE CURRENT	>0.75mA / 277VAC

ENVIRONMENT

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

OUTPUT SPECIFICATIONS

OUTPUT VOLTAGE	12V
OUTPUT CURRENT	22A
CURRENT RANGE	11 ~ 22A
OUTPUT POWER	240W
RIPPLE & NOISE	150mVp-p
VOLTAGE TOLERANCE	± 3.0%
LINE REGULATION	± 0.5%
LOAD REGULATION	± 2.0%
SETUP, RISE TIME	2500ms, 80ms/230VAC
HOLD UP TIME	15ms/115VAC, 230VAC

SAFETY SPECIFICATIONS

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

WIRING DIAGRAM

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

+DIM(Gray)
 -DIM(Black)
 +V(Blue)
 -V(White)

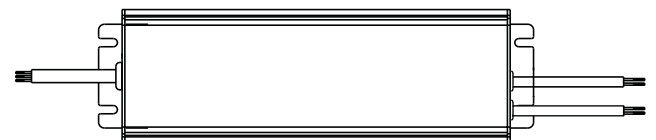
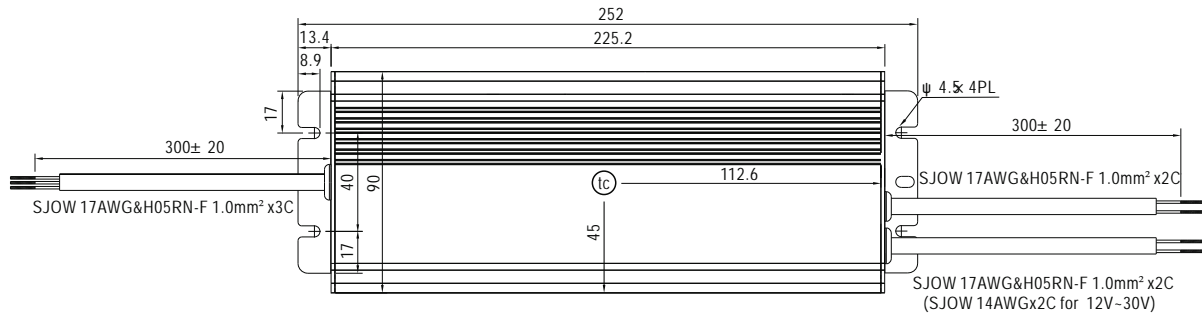
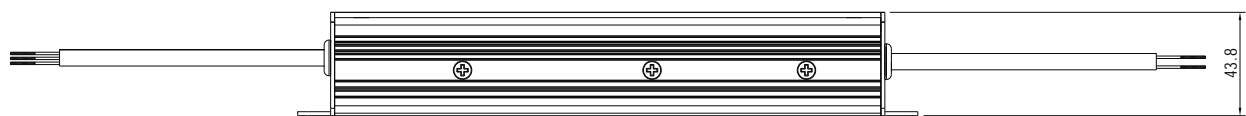


DIAGRAM AND DIMENSIONS



• (tc) : Max. Case Temperature



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

