



## Specifications

### INPUT SPECIFICATIONS:

Voltage ..... 90~264Vac  
 Frequency ..... 47 to 63Hz  
 Inrush Current ..... 120A max. @240Vac  
 Conducted EMI ..... CISPR/FCC Class B  
 Leakage Current ..... 3.5mA max.

### OUTPUT SPECIFICATIONS:

Holdup Time ..... 16ms typ. @115Vac  
 Short Circuit Protection ..... Continuous  
 Over Voltage Protection ..... Yes

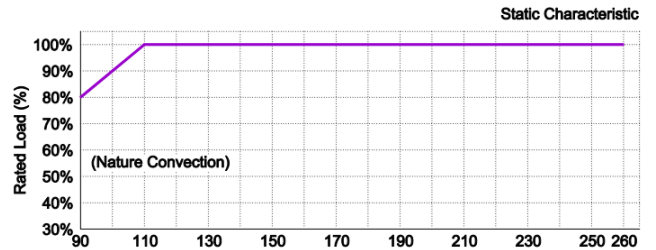
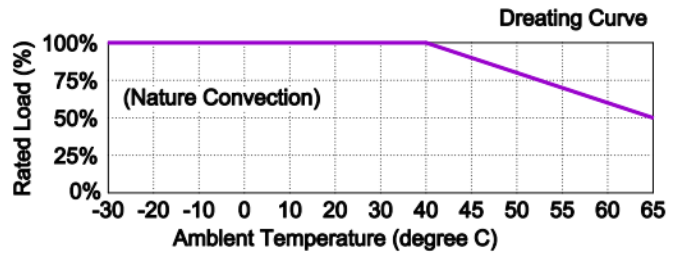
### GENERAL SPECIFICATIONS:

Isolation ..... Input to output = 4,242VDC  
 Operating Temperature ..... -30 ~ 65°C, 40~65°C with 2%/°C Derating  
 Operating Humidity.....93%RH max. no condensing  
 Storage Temperature ..... -40~85°C  
 Cooling ..... Natural Convection  
 Switching Frequency ..... 67KHz Typical  
 Dimensions ..... 7.087x2.913x1.614 inches (180.00x74.00x41.00 mm)  
 AC Inlet ..... IEC320/C14  
 Weight ..... 750g

### SAFETY AND EMC:

Emission and Immunity ..... EN55022,EN55032 Class B, FCC Part 15  
 EN61000-3-2,EN61000-3-3, EN55024  
 EN61204-3  
 Safety ..... IEC60950-1, EN60950-1, UL60950-1

## TRH150A Series Derating Curve



### NOTE:

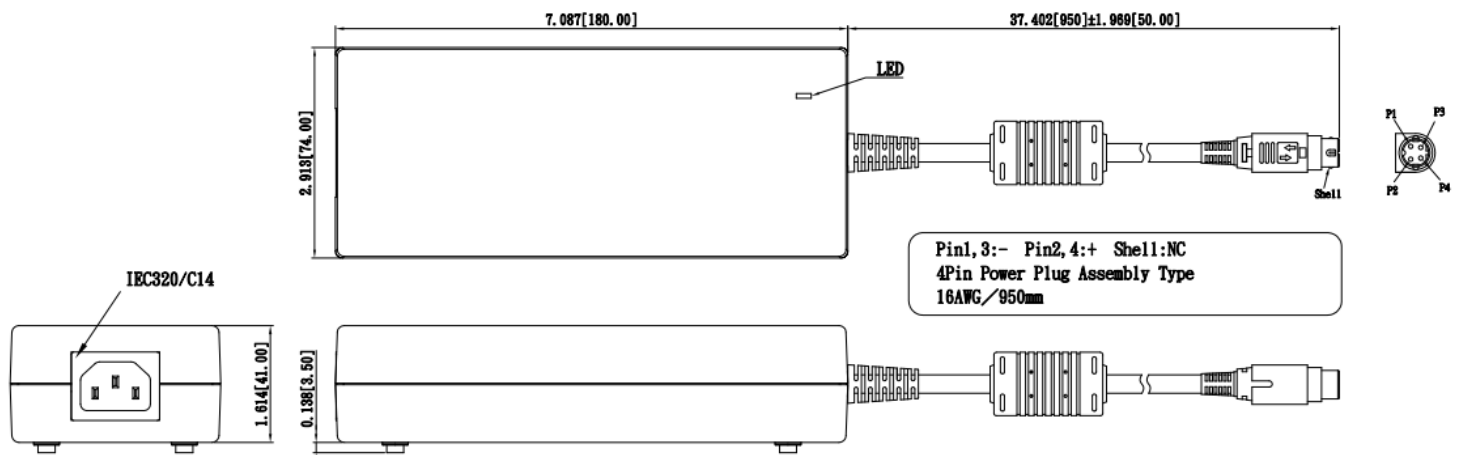
1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measurement @20MHz BW.
2. Voltage setpoint at 60% full load
3. Line regulation measured from 100Vac to 240Vac with full load.
4. Load regulation measured from 60% to 100% full load and from 60% to 20% full load (60% +/- 40% full load)
5. Average Efficiency measured at 25%,50%,75%,100% load and input voltage is 115Vac / 230Vac.
6. Inrush current at 120A Max./ 200us for AC turn on.

## Mechanical Specification

### TRH150A120~150

All Dimensions are in inches[mm]  
 Tolerance: Inches:X.XXX±0.02  
 Millimeters:X.XX±0.5

UNIT: inches[mm]



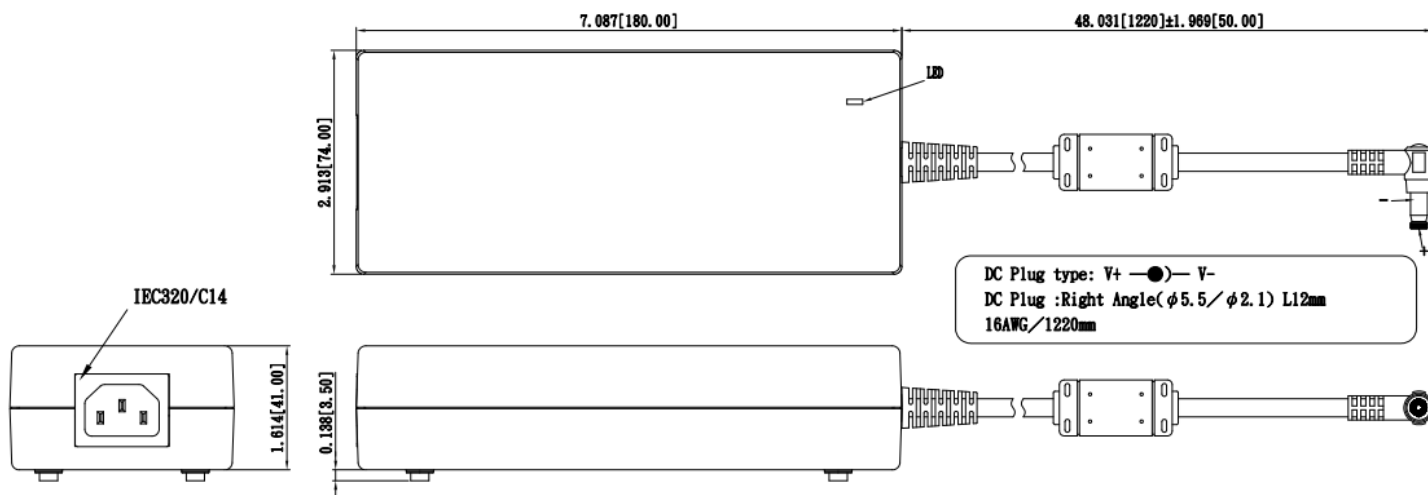
Typical at 25°C, nominal line and 75% load, unless otherwise Specified

## Mechanical Specification

TRH150A180~480

All Dimensions are in inches(mm)  
Tolerance: Inches: X.XXX±0.02  
Millimeters: X.XX±0.5

UNIT: inches(mm)



Typical at 25°C, nominal line and 75% load, unless otherwise Specified