

# LVT-303 AC

SPECIFICATIONS

## UL File Numbers

UL and C-UL Listed  
UL FILE # E 164062

## Available Versions

901303070-LVT 303 12V  
901303100-LVT 303 24V

## Mechanical and Thermal

Dimensions (mm) 36 x 42 x 240  
Dimensions (in.) 1 7/16 x 1 5/8 x 9 3/8  
Weight 1.48 lbs/670 grams  
Lead wire length 6"  
Max. case temp. 90°C  
Max. ambient temp. 35°C  
Output wire-blue-12 AWG (12V) 200°C  
Output wire-purple-14 AWG (24V) 200°C  
Input wire-white/black-18AWG 150°C  
Grounding Wire-green-18AWG 105°C  
Aluminum inner casing  
Steel outer casing

## Electrical

Load 50-300W  
Input 120V 60Hz  
Output at 300W/24V ver. 11.7V 30kHz  
Output at 300W/24V ver. 23.5V 30kHz  
Input current at 300W 2.5A  
Output current at 300W/12V ver. 25.5A  
Output current at 300W/24V ver. 13.3A  
Power factor 0.985  
Max. harmonic distortion 12V 9%  
Max. harmonic distortion 24V 2.3%  
Dimmable



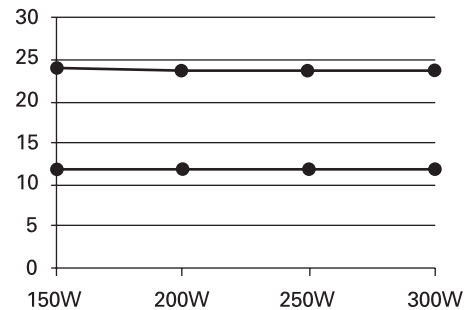
Inside the LVT



Power supply listed 7D 53

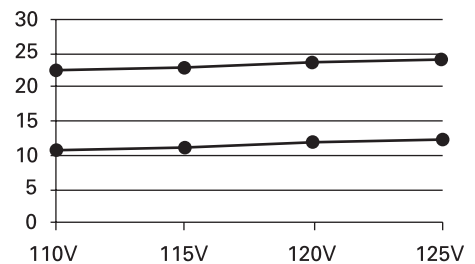
## Output Voltage vs. Load at 120V

Top line -24V version Bottom line -12V version



## Output vs. Input at Max. Load

Top line -24V version Bottom line -12V version



## Protection

Auto-reset electronic short circuit and overload protection. Auto-Reset thermal cut-off @ 125C. Fuse on primary.

## Wiring Diagram

