

LVT-303 AC

UL File Numbers

UL and C-UL Listed
UL FILE # E 164062

Available Versions

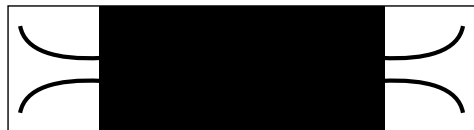
901303070-LVT 303 12V
901303100-LVT 303 24V

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	
Waterproof potting	UL94V0

Electrical

Load	50-300W
Input	120V 60Hz
Output at 300W/24V ver.	11.7V 30kHz
Output at 300W/12V 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	



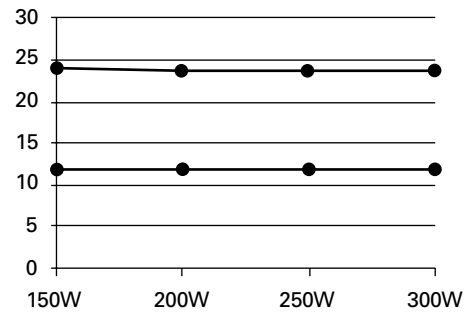
Inside the LVT



Power supply listed 7D 53

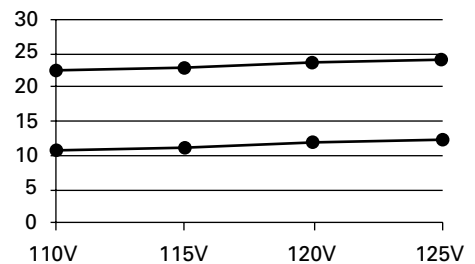
Output Voltage vs. Load at 120V

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

