

FEATURES

300W Constant Voltage

LWV-300 series

- Ultra High Efficiency (Up to 94%)
- High Power Factor (0.99 Typical)
- Constant Voltage
- Waterproof (IP67)
- All-Round Protection: SCP, OTP, OVP and Open Lamp



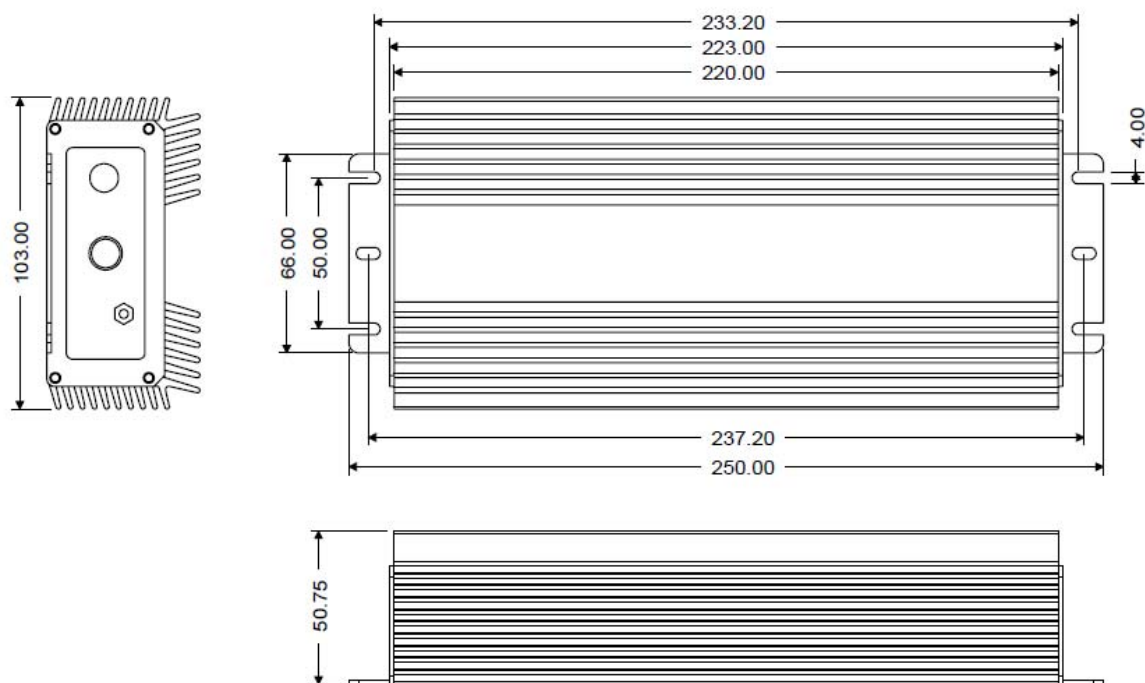
SPECIFICATIONS

Model #	Output Voltage	Current Range
LWV300 024o	24 Vdc	0~12.50A
LWV300 036S	36 Vdc	0~8.33A
LWV300 042S	42 Vdc	0~7.4A
LWV300 048S	48 Vdc	0~6.25A

Output	Rated Power	300W	
	Voltage Tolerance	±5%	
	Ripple & Noise	4.5V Vp-p	
	Line Regulation	1%	
	Load Regulation	5%	
	Turn-on Delay Time (typ-max)	During turn on and off, no voltage shall exceed its nominal voltage by more than 10% and no output will change its polarity with respect to its return line. All output shall reach their steady state values within 3 seconds of turn on.	
Input	Voltage Range	90~305V	
	Frequency Range	47Hz~63Hz	
	PF	0.96@220Vac	
	Inrush Current	The inrush current will not exceed 100A at 220Vac input, cold start, 25°C	
	AC Current (Typ.)	3A @ 120Vac	
Protections	Short Circuit Protection	Protection type: Hiccup mode, recovers automatically after fault condition is removed	
	Over Temperature Protection	110°C Internal Temperature	
	Over Current Protection	No damage to the power supply shall sustain when operating any output under any line condition, into an over load condition for an indefinite period of time. The power supply shall self-recover when fault condition is removed.	
	Over Voltage (Typ.)	Protection type: latch-off mode, Power supply must turn off and on again	
Environment	Temperature Range	Operational	0°C~60°C
		Storage	-10°C~80°C
	Humidity	Operational	20~95%
		Storage	5~95%
Safety & EMC	Safety Standards (Pending)	UL8750, UL935, UL1012, CSA-C22.2, No. 107.1 EN61347-1, EN61347-2-13	
	EMI Conduction & Radiation	EN55015	
	EMS Immunity	EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11, EN61547	
Others	MTBF (3)	100,000 hours	
	Life Time (3)		
	Dimensions (L*W*H)	(L*W*H) 9.8*4.0*2.0 inches 250*103*50.75mm	
	Weight	2.2 Kg	

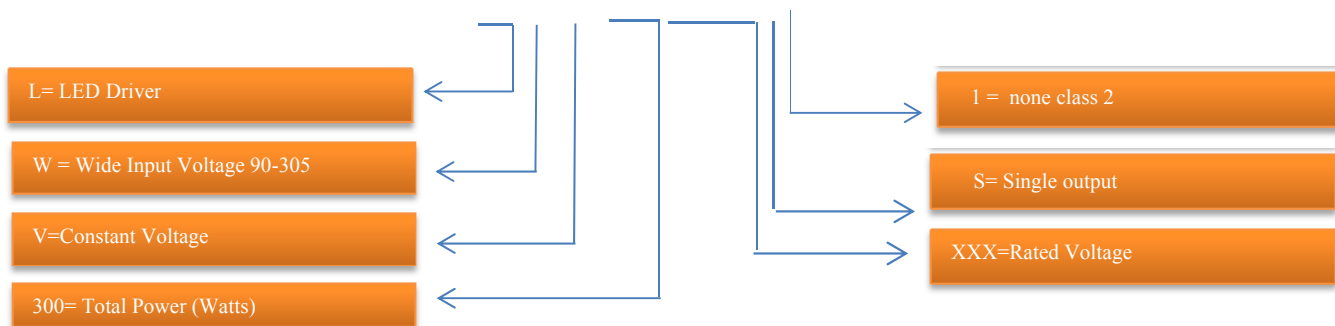


Mechanical Specification



PART NUMBER SCHEME

LWV300/XXXXS3



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AUTEC IS NOT RESPONSIBLE FOR ISSUES ARISING FROM ERRORS OR OMMISIONS

