

■ **Features**

- Power Rating: 1200W
- Input Voltage: 120-277Vac
- Constant voltage design
- Output current (0mA-22220mA)
- Efficiency to 94.5%
- OVP, SCP, OTP, & Over Current Protection
- UL recognized Type HL, Class P
- IP67
- 5-year warranty



\*Product images are for illustrative purposes only and may vary from actual design.

■ **Application**

- Indoor and outdoor applications

■ **Model List**\*(See part number scheme for model number details)

Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
L2WV-1200S054ST	120-277Vac	1200W	54V	0mA	22220mA	95%	UL/cUL

■ **Technical Data**

Input voltage range	120-277Vac
Frequency	47-63Hz
Power factor	0.97
Output voltage	54V
Output power	1200W
Leakage Current	1mA @277Vac/60Hz input, grounding effectively
Max input current	5A @ 277Vac
Inrush Current	65A @220Vac input, 25°C cold start
Efficiency	95%(Typ.)
Line Regulation	± 1%
Load Regulation	± 1%
THD	20% @120-277Vac, 80%-100% load
Output Current Tolerance	± 5% loiset @full load condition
Total Output Current Ripple (pk-pk)	10%Iomax @full load condition, 20MHz BW
Startup Overshoot Current	10%Iomax @full load condition
No load Output Voltage	54V
Turn-on Delay Time	3.5s(typ.), 4s(max.) @120Vac and 220Vac input
Temperature Coefficient	± 0.03%/°C Case temperature = 0°C ~ Tc max
OTP Tc	85°C(min.), 90°C(typ.), 100°C(max.)

**Technical Sales / Customer Service:** +1-818-338-7788 • Email: [sales@autec.com](mailto:sales@autec.com)

31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • [www.autec.com](http://www.autec.com)

March 8, 2022

■ **Technical Data(cont.)**

SCP	Hiccup mode, Auto recovery
Standby Power	6W @230Vac/50Hz
MTBF	234,000hours @220Vac input, 80% load and 25°C ambient temperature (MIL-HDBK-217F)
Lifetime	97,000 Hours @220Vac input, 80% load and 60°C case temperature
Operating Temperature	-40°C to 90°C
Operating Ambient Temp	-40°C to 50°C
Storage Temperature	-40°C to +85°C
Dimensions	329x140x69.4mm

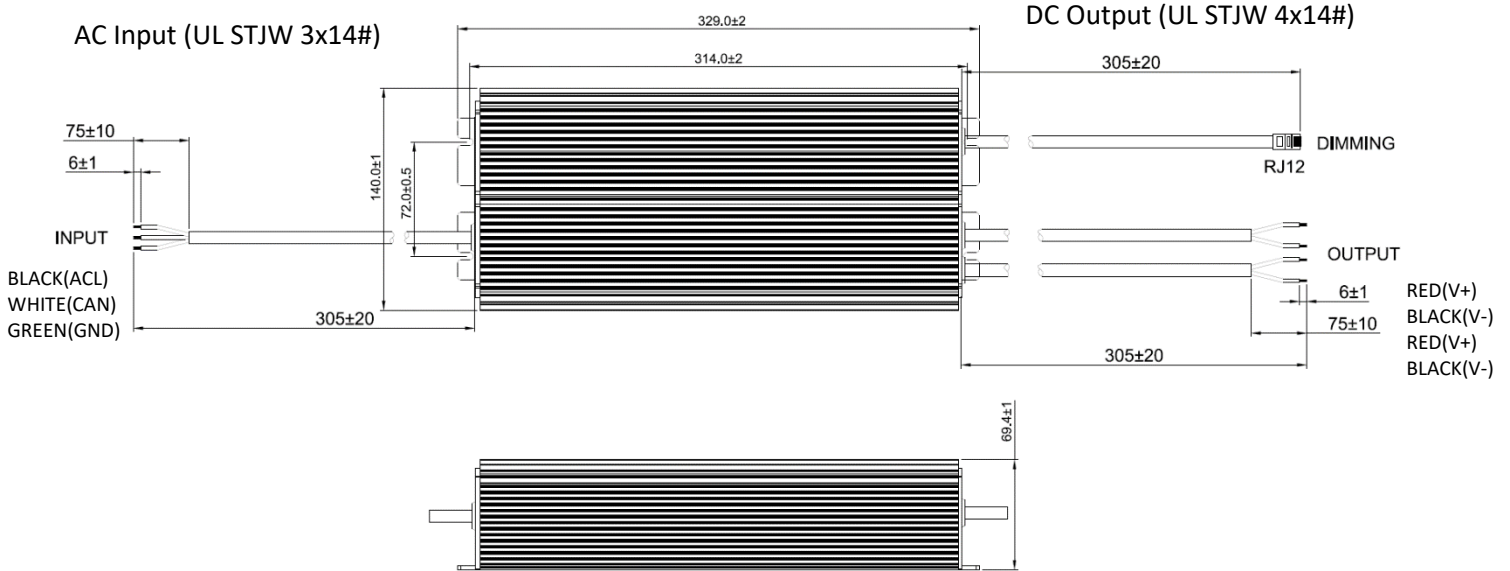
■ **Safety Compliance**

UL/CUL	UL8750,CAN/CSA-C22.2 No. 250.13-12
	Class A
FCC Part 15	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired Operation.
EN 61000-4-2	Electrostatic Discharge (ESD): 8 kV air discharge, 4 kV contact discharge
EN 61000-4-3	Radio-Frequency Electromagnetic Field Susceptibility Test-RS
N 61000-4-4	Electrical Fast Transient / Burst-EFT: level 3, criteria A
EN 61000-4-5	Surge Immunity Test: AC Power Line: line to line 2 kV, line to earth 4 kV
EN 61000-4-6	Conducted Radio Frequency Disturbances Test-CS
EN 61000-4-8	Power Frequency Magnetic Field Test
EN 61000-4-11	Voltage Dips
EN 61547	Electromagnetic Immunity Requirements Applies To Lighting Equipment

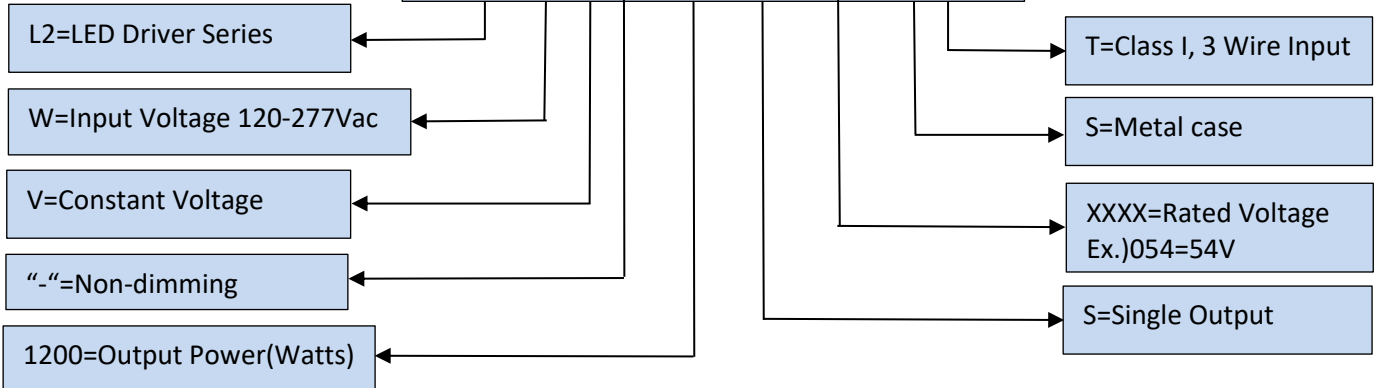
**Disclaimer:**

Autec Power Systems' (Autec) LED Drivers are Hi-Pot tested during the manufacturing process. Autec assumes no responsibility for secondary Hi-Pot testing at customer location or designated production line(s). Should customer require further Hi-Pot testing, at their own production line, following assembly of the LED Driver into the customer's assembled fixture, Autec requests advance notice. This request must be communicated to Autec in a timely manner and is recommended to be requested at time of issuing each purchase order.

■ **Mechanical Design**



**Part Number Scheme**  
**L2 W V - 1200 S XXXX S T**



\*Product images are for illustrative purposes only and may vary from actual design.

\*Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.

Technical Sales / Customer Service: +1-818-338-7788 • Email: [sales@autec.com](mailto:sales@autec.com)  
 31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • [www.autec.com](http://www.autec.com)

March 8, 2022