HanleyLED H60W-PPS5 Spec Sheet

SOLUTIONS THAT MAKE SENSE

Product Name	**LED Power Supply/Driver**
Model	**H60W-PPS5**

Safety Certification E487794 262904 E350828 IP68 RoHS

Features

- High performance premium power supply
- IP68 - WATERPROOF - for use indoor or outdoor, dry, damp, or wet locations
- Variable input voltage with grounding wire: 100v - 277v
- Working temperature: -40°c - 60°c+
- OVP, OCP, SCP, OTP protection function
- Rating: Class 2, for use with LEDs and LED signage
- Tested and approved at 100% power load
- UL Retrofit Kit Classified

Warranty

Product

☑ 5 years or 50,000 hours

Labor

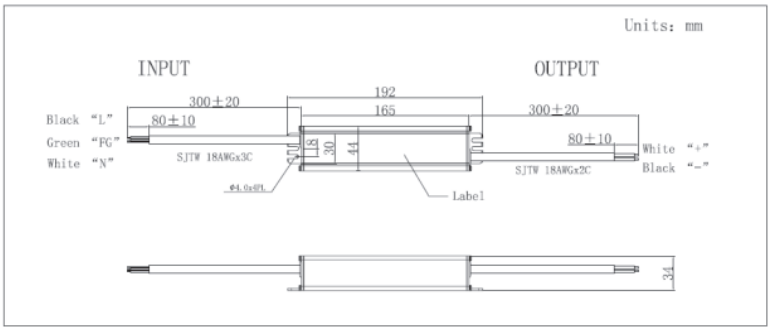
☑ 2 years labor if paired with Hanley LEDs

☑ 1 year labor with any other qualified LEDs

Product Parameters

Output Characteristics	Rated Output Voltage	12V
	Rated Output Current	5A
	Rated Output Power	60W
	Output Voltage Accuracy	±2.5% (11.7 - 12.3V)
	Output ripple & noise	≤150mV
Input Characteristics	Input Voltage Rage	100VAC ~ 277VAC
	Input Frequency Rage	50HZ ~ 60HZ
	Input Current	0.65A/115V | 0.35A/230V
	Inrush Current (cold start)	≤ 50A (100-277Vac)
	Efficiency	≥ 86%
	PF	≥ 0.95
Protective Characteristics	Over-Current Protection	■ YES ☐ NO
	Short-Circuit Protection	■ YES ☐ NO
	Over-Voltage Protection	■ YES ☐ NO
	Over-Temperature Protection	■ YES ☐ NO

Environmental Characteristics	Working Temperature	-40 ~ +60° C
	Working Humidity	20 ~ 95% RH, (non-condensing)
	Storage Temperature	-40 ~ +80° C
	Storage Humidity	10 ~ 95% RH
	IP Rating	IP68
	Vibration	10 ~ 500HZ, 5G 30 minutes (for X, Y, Z each axis)
Safety and EMC	Safety Rating	Class 2, IP68
	Dielectric Strength (Hi-Pot)	I/P-O/P 3.75KVAC/ 10mA/3S
		I/P-Case 1.8 KVAC/ 10mA/3S
	Insulation Resistance/	100MOhm Max/ 500VDC/ 3S
	Grounding Resistance	100mOhm
	EMC	FCC part 15classB EN55015
Other Characteristics	MTBF	>50,000Khrs. MIL-HDBK-217F(25° C)
	Size	192*44*34mm(L*W*H)
	Weight	0.52KG



- Please ensure that the ground wire is properly grounded and ensure it does not come into contact with the neutral wire.
- Please ensure the power supply position has sufficient airflow. Operating temperature must be between -40°C to +55°C.
- Do not overload the power supply with multiple appliances.
- Power supply operates at high temperature. To avoid injury, do not touch while in use.
- Do not install with power connected or during an electrical disturbance.
- Do not attempt to install by yourself. Please contact the supplier with any questions.
- Please read and follow the instructions carefully before installing. Ensure all contact points are in good working order.
- Please pay attention to the environment, and check for any unsafe conditions.