G2G LIGHTING

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G2G-QIS-60W-12VDC (V3)

LED POWER SUPPLIES

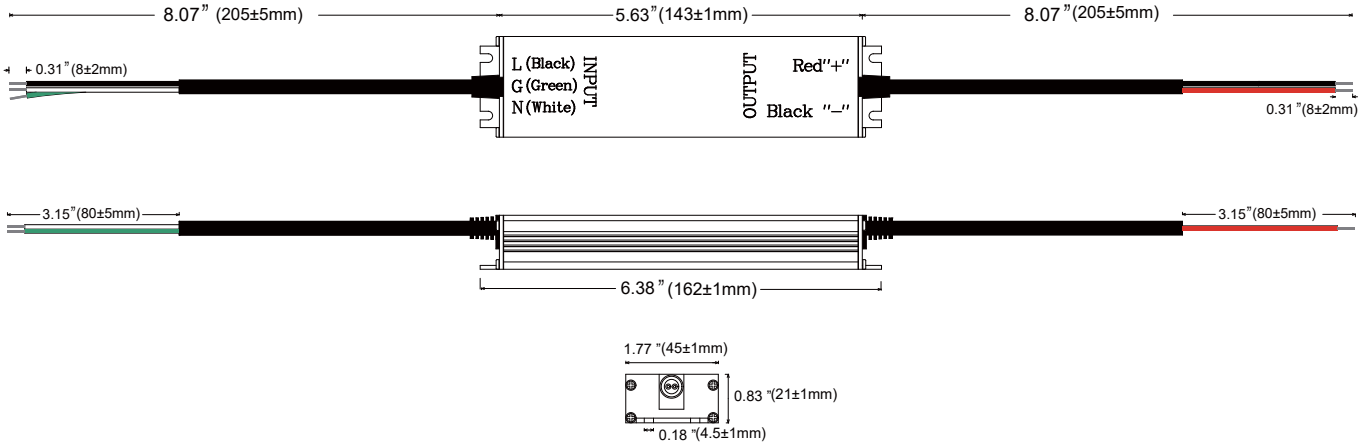
- Input Voltage: 110-277Vac ~ 50/60Hz
- Input Current: 0.43A ~ 1.1A
- Output Voltage: 12VDC
- Output Current: 5A Max
- -25℃ to 50℃ Operating Temperature
- Packaging: 50PCS/Case

c UL us E344189 IP68

FC TÜVRheinland CERTIFIED RoHS

Class 2 Power Supply

Product Drawing



Product Parameters

Output Characteristics	Rated Output Voltage		12V
	Rated Output Current		5A
	Rated Output Power		60W
	Output Voltage Accuracy		(11.5-12.5V)
	Output Ripple & Noise		≤200mV
Input Characteristics	Input Voltage Range		100VAC-277VAC
	Input Frequency Range		50～60HZ
	Input Current		≤1.1A(100-277VAC)
	Surge Current (cold start)		46A @230VAC
	Power Efficiency		85%
Protective Characteristics	Over-Current Protection		■YES □NO
	Short-Circuit Protection		■YES □NO
	Over-Voltage Protection		■YES □NO
Environmental Characteristics	Working Temperature		-25℃～+50℃
	Working Humidity		10%～95%RH
	Storage Temperature		～35℃～+65℃
	Storage Humidity		10%～95%RH
	IP Rating		IP68
	Vibration		10～500Hz，1.0mm，15 minutes (for X、Y、Z each axis)
Safety and EMC	Safety Standard		Design refer to UL8750、UL879、 FCC、CB、CE、TUV Mark、3C、RCM、 IP67、RoHS
	Dielectric Strength (Hi-Pot)	I/P-O/P	3.75KVAC/ 10mA/ 3S
		I/P-Case	1.5KVAC/ 10mA/ 3S
	Insulation Resistance		100MΩ / 500VDC/ 3S
	Grounding Resistance		≤0.5Ω
	EMC		Design refer to FCC part 15classB EN55015
Other Characteristics	MTBF		50Khrs. MIL-HDBK-217F(25℃)
	Size		6.38inX1.77inX0.83in(L*W*H)
	Weight		0.51kg

Remarks:

1 Test environment temperature : 25 ± 2 ℃;

2 Ripple and noise measurement methods: terminal to parallel 47uF electrolytic capacity and 0.1uF ceramic capacity, in 20 MHZ Bandwidth measurement.