

# G2G-QIS-60-12VDC(V4)

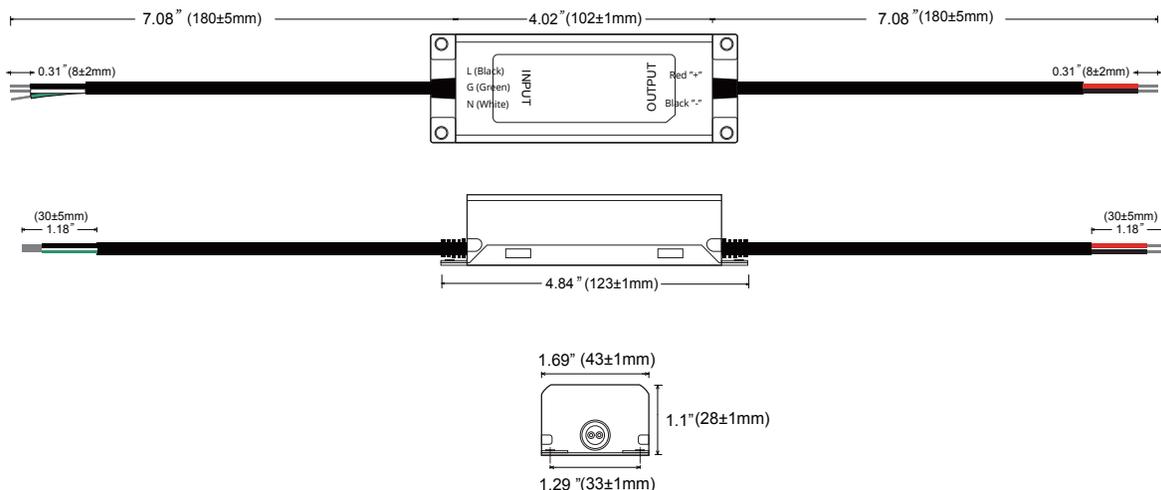
## LED POWER SUPPLIES

- Input Voltage: 100-277Vac ~ 50/60Hz
- Input Current:  $\leq 1.3A(120Vac)$
- Output Voltage: 12VDC
- Output Current: 5A Max
- $-30^{\circ}C$  to  $+50^{\circ}C$  Operating Temperature
- Packaging: 48PCS/Case



**Class 2 Power Supply**

### Product Drawing



## Product Parameters

Output Characteristics	Rated Output Voltage		12V
	Rated Output Current		5A
	Rated Output Power		60W
	Output Voltage Range		12Vdc±5%Vdc
	Output Ripple & Noise		≤600mV
Input Characteristics	Input Voltage Range		110VAC-277VAC
	Input Frequency Range		50~60HZ
	Input Current		≤1.3A(120VAC)
	Surge Current (cold start)		46A @120VAC
	Power Efficiency		88%
Protective Characteristics	Over-Current Protection		■YES □NO
	Short-Circuit Protection		■YES □NO
	Over-Voltage Protection		■YES □NO
Environmental Characteristics	Working Temperature		-25°C~+50°C
	Working Humidity		10%~95%RH
	Storage Temperature		-35°C~+65°C
	Storage Humidity		10%~95%RH
	Vibration		10~500Hz, 1.0mm, 15 minutes (for X、Y、Z each axis)
Safety and EMC	Safety Standard		Design refer to UL8750,UL879,CSA C22.2 NO.250.13,CSA C22.2 NO.207-15 EN61347-1,EN61347-2-13,EN62493
	Dielectric Strength (Hi-Pot)	I/P-O/P	1.8KVAC/5mA/1min
		I/P-Case	1.8KVAC/5mA/1min
	Insulation Resistance		100MΩ/500DC/1min
	Grounding Resistance		≤5Ω
	EMC		Design refer to FCC Part 15 Subpart B EN55015,EN61000-3-2,EN61000-3-3,EN61547
Other Characteristics	MTBF		200Khrs.MIL-HDBK-217F(25℃)
	Size		4.84"*1.69"*1.1"(L*W*H)
	Weight		0.25kg

### Remarks:

Note 1: IP68 can be used in dry, damp, wet locations. Avoid installing in submerged environments or applications where drivers will come into direct contact with prolonged flowing or dipping water.

- Test environment temperature : 25 ± 2°C;
- Ripple and noise measurement methods: terminal to parallel 47uF electrolytic capacity and 0.1uF ceramic capacity, in 20 MHz Bandwidth measurement.
- "The driver is suitable for connecting resistor current-limiting LED fixture (e.g. LED strip). The inrush current will be dozens of times increased if connecting built-in constant current IC current-limiting LED fixtures, the driver will activate the overloaded protection (hiccups flickering). "