

LED POWER SUPPLIES

G2G-QIS-120W-12VDC

Class 2 LED Driver

- Input: 100-277Vac, Output: 12Vac, 10A
- -25 to 50°C operating temperature
- UL/cUL Recognized
- Packaging: 10pcs/box
- Warranty: 5 Years



Product Parameters

Output Characteristics	Rated Output Voltage	12V
	Rated Output Current	10A
	Rated Output Power	120W
	Output Voltage Accuracy	±5% (11.5-12.5V)
	Output Ripple & Noise	≤600mV
Input Characteristics	Input Voltage Range	100VAC-277VAC
	Input Frequency Range	50~60HZ
	Input Current	≤1.4A(100-277VAC)
	Surge Current (cold start)	46A @230VAC
	Power Efficiency	91%
	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		-25°C ~ +50°C
	Working Humidity		10% ~ 95%RH
	Storage Temperature		~35°C ~ +65°C
	Storage Humidity		10% ~ 95%RH
	IP Rating		IP67
	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°C)
	Size		256*45*23mm(L*W*H)
	Weight		0.53 kg

Remarks:

- ① Test environment temperature : 25 ± 2 °C ;
- ② Ripple and noise measurement methods: terminal to parallel 47uF electrolytic capacity and 0.1uF ceramic capacity, in 20 MHZ Bandwidth measurement.

Profile Drawing

