

LED POWER SUPPLIES G2G-QIS-100W-24VDC

PRODUCT PARAMETERS

CATEGORY	SPECIFICATION		VALUE
Output Characteristics	Rated Output Voltage		24V
	Rated Output Current		4A
	Rated Output Power		100W
	Output Voltage Accuracy		±5% (23.5-24.5V)
	Output Ripple & Noise		≤600mV
Input Characteristics	Input Voltage Range		100VAC~277VAC
	Input Frequency Range		50~60Hz
	Input Current		≤1.2A(100-277VAC)
	Surge Current (cold start)		46A @230VAC
	Power Efficiency		90%
	Power Factor		≥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 15 class B, EN55015
Other Characteristics	MTBF		50Khrs. MIL-HDBK-217F (25°C)
	Size		226 × 45 × 23 mm (L × W × H)
	Weight		0.52 kg



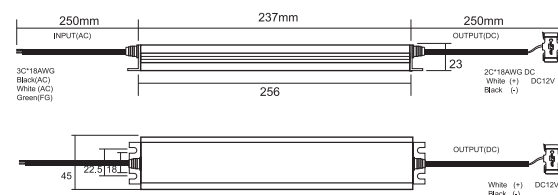
Class 2 LED Driver



SPECIFICATIONS

- Input: 100-277Vac, Output: 24Vac, 4A
- -25 to 50°C operating temperature
- UL/cUL Recognized
- Packaging: 10pcs/box
- Warranty: 5 Years

PROFILE DRAWING



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.