

G2G-320W-24VDC

LED POWER SUPPLIES

- High Efficiency (Up to 92%)
- Constant Voltage
- UL/cUL Recognized
- Warranty: 5 Years



Description

G2G constant-voltage outdoor LED driver that operates from 100-277VAC input with excellent power factor. It is created for LED strip, LED module, LED landscape light. The high efficiency of these drivers and compact metal case enables them to run cooler, significantly improving reliability and extending product life. To ensure trouble-free operation, protection is provided against input surge, output over voltage, over current, short circuit, and over temperature.

Models

Model Number	Output Voltage	Input Voltage	Output Current Range	Max. Output Power	Typical Efficiency (2)	Power Factor
						115Vac
G2G-320W-24V	24Vdc	100~277Vac	0~13.33A	320W	92%	0.99

Input Specifications

Parameter	Min.	Typ.	Max.	Note
Input Voltage	90Vac	-	305Vac	
Input Frequency	47Hz	-	50/60Hz	
PF	0.95	-	-	At 100-277Vac, 100% Load
THD	-	-	20%	

General Specifications(Continued)

Parameter	Min.	Typ.	Max.	Notes
Operating Case Temperature for Safety Tc_s	-40°C	-	+85°C	
Operating Case Temperature for Warranty Tc_w	-40°C	-	+70°C	
Storage Temperature	-40°C	-	+85°C	Humidity: 20%RH to 95%RH
Dimensions Millimeters(LxWxH)	234*98*40mm			
Net Weight	-	1.75kg	-	

Protection Functions

Parameter	Min.	Typ.	Max.	Notes
Over Current Protection	110%	135%	200%	Hiccup mode. The power supply shall be self-recovery when the fault condition is removed.
Over Temperature Protection	Auto Recovery, returning to normal after over temperature is removed.			
Short Circuit Protection	No damage will occur when any output is short circuited. The output shall return to normal when the fault condition is removed.			
Over Voltage Protection	Limits output voltage at no load and in case the normal voltage limit fails.			

DIMENSIONS

Unit:mm

