

Model: GP-DP004N-16V

Features

- Universal AC Input 100~240VAC
- Constant Voltage Operation.
- Compatibility with IEC 62386 Standard
- Protections: OCP / SCP.
- Cooling by Free Air Convection.

Approvals



Size

112 x 42 x 24mm(L*W*H)

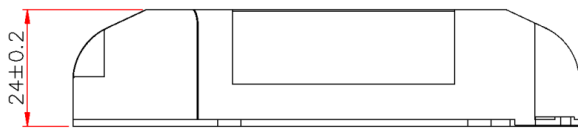
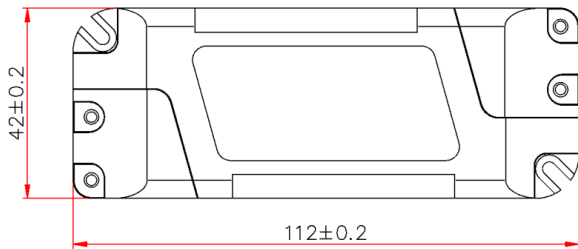


Specifications

	Model No.	GP-DP004N-16V
Output	DC Voltage	16V
	Voltage Tolerance	±15%
	DC Voltage Range	13.6 ~ 18.4V
	Rated Current	200mA
	Current Tolerance	200mA + 20% / - 10%
	DC Current Range	180 ~ 240mA
	Rated Power	3.2W
	Ripple & Noise (Max.)	150mV
	Efficiency at 230V AC(Typ.)	68%
	Set up time (Max.)	115Vac: < 1S 230Vac: < 0.5S
Input	Rated Voltage	100 ~ 240VAC
	Voltage Range	90 ~ 264VAC
	Frequency Range	50 Hz ~ 60 Hz
	AC Current (Max.)	0.11A at 115VAC
	Inrush Current (Max.)	21A at 115VAC / 42A at 230VAC
Protections	Over Current	240mA (Max.) Limiting current mode
	Short Circuit	Limiting current mode (Short circuit protected with thermal switch (80°C TYP.))
Environment	Operation Temp.	- 20 ~ + 45°C
	Operation Humidity	20% ~ 90% RH non-condensing.
	Storage Temp.	- 40 ~ + 80°C
	Storage Humidity	10% ~ 90% RH
	Vibration	10~500 Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes.

Safety & EMC	Safety Standards	Compliance EN61347-1,EN61347-2-11
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance (min.)	I/P-O/P :100M ohms / 500V DC at 25°C
	EMI Conduction & Radiation	Compliance to EN55015,FCC part 15
	Harmonic Current	Compliance to EN61000-3-2 Class C,EN61000-3-3
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11;EN61547
Others	MTBF	200K hours min. MIL-HDBK-217F(25°C)
	Dimension(L x W x H)	112 x 42 x 24mm; 75.3g/pcs
Note	1. All specifications not specially mentioned are measured at 230VAC and 25°C ambient temperature. 2. Ripple & Noise are measured at 20MHz bandwidth by using a 12" twisted pair-wire terminated with 0.1uf & 47uf parallel capacitor.	

Mechanical Specification



Derating Curve

