

DPC40-1H1000C (Product No.:107100320101)

Product Features

- Constant current driver No-Flicker
- Active power factor correction (PF>0.9)
- High efficiency, long life and high reliabilit
- Protection : short circuit /OLP/OVP
- Suitable for LED lighting



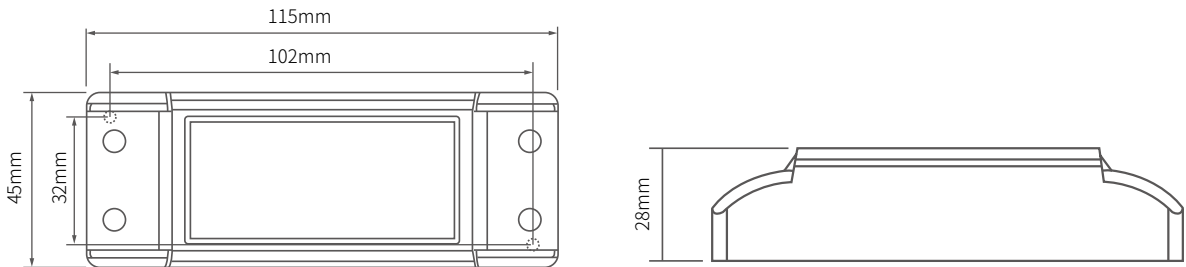
Application



Technical Paramaters

Model	DPC40-1H1000C	
Input	Efficiency	>86%@220VAC,Full load
	Voltage	220VAC-240VAC
	Allowable Voltage	180VAC-254VAC
	Frequency Range(Hz)	50/60Hz
	Power Factor	≥0.9@220VAC,Full load
	THD(full load)	<10%@220VAC, Full load
	AC Current(max)	0.22Amax@220VAC
	Standby power	<0.5W
	Inrush Current(max)	25A@220VAC
Output	Current(mA)/Voltage (VDC) Power(W)	1000mA/25-40VDC/40W
	Ripple Current	<5%
	Channel	1
	Current Tolerance	±5%
	No load output voltage	50V Max
	Turn on delay Time	<1s, at 220Vac
Protection	Short Circuit	Close output, recovers automatically after fault removed
	Over Voltage	Close output, recovers automatically after fault removed
	Output Open Circuit	Output Voltage<50Vdc
	Over Temperature	Shut down the output, recovers automatically when temp. back to normal.
Safety& EMC	Surge	L-N:1KV
	Withstand Voltage	I/P-O/P: 3000VAC/1min/5mA
	Safety Standards	EN61347, GB19510
	EMC Eission	EN55015/EN61000-3-3 part15 standards
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547
Others	Working Temp.	-20°C~45°C
	Storage Temp., Humidity	-30°C~65°C, 20-90%RH
	tc	80°C
	Material	PC
	IP Rating	IP20
	Lifetime	30,000h@tc:70 C
	Warranty Condition	3 Years
	Weight	Net weight: 92g±5%
	Dimension	115*45*28mm (L*W*H)

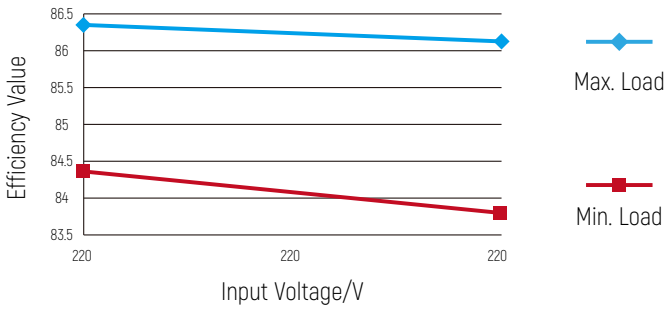
Dimension(mm)



Wiring

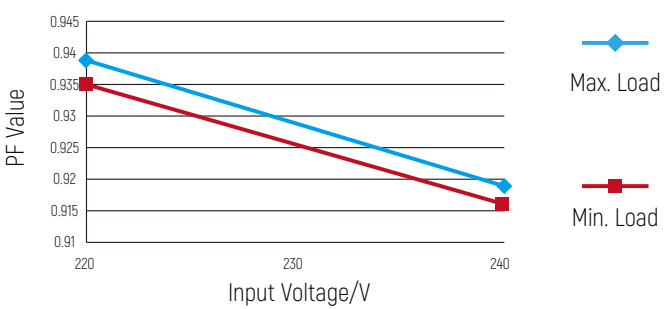


Efficiency Grapf



Note: All specifications are typical at 25 °C unless otherwise stated;

PF Curve



Note: All specifications are typical at 25 °C unless otherwise stated;

Cautions

- 1.This product should be installed by qualified personnel.
- 2.This product is non waterproof, need to avoid sun and rain.In case of outdoor use, please ensure it is mounted in a water proof enclosure.
- 3.Good heat dissipation conditions extend product life. Please install the product in a well-ventilated environment.
- 4.Please make sure LED power supply output voltage, current is used to meet the product requirements.
- 5.Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 6.Due to safety concerns, PVC or rubber cord of 0.75- 1.5mm² is recommended for input and output terminal(s)(excluding signal terminals). Flat power cord is not suitable.Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- 7.In case of malfunction, do not repair it yourself.

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail.Please contact us if you have any questions .