

LED DRIVER

NPS-60

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Non-Dimmable Electronic Control Gear With Active PFC

• Features:

- Universal AC input 90VAC ~ 300VAC
- Withstand 440VAC Input continuous
- Protections: Short Circuit / Over current / Over voltage / Over Temperature
- Cooling by free air convection
- Built in active PFC function
- Small and Compact size
- 100% Full Load Burn-in Test



IP67 SELV

SPECIFICATION

MODEL		NPS-60 50139
Output	Rated Current	1.39A
	LED Operation Voltage	27~36V
	Typical Output Power	50W
Input	Voltage Range	90VAC ~ 300VAC
	Current @230VAC (Typ.)	<270mA
	Frequency Range	45Hz - 65Hz
	Power Factor	0.98 at 100% load
	ATHD	<10%
	Efficiency	>89%
	Input Over Voltage	Above 300 VAC Protection Type: Shutdown, Recovers automatically after fault condition is removed. Withstand 440VAC
Protection	Open LED Protection	Hiccup mode, recovers automatically after fault condition is removed
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
Environment	Working Temp. Range	-25°C to 50°C
	Working Humidity	20 to 90%RH Non Condensing.
	Storage Temp Humidity	-40 to 80°C, 10 to 95% RH.
Safety & EMC	Safety Standard	Designed to meet IS 15885-2-13, UL60950-1
	Withstand Voltage	I/P-O/P : 3KVAC I/P-FG : 1.5KVAC O/P-FG : 0.5KVAC
	EMC Emission	Designed to meet EN61000-3-2 Class C(≥75% load); EN61000-3-3
	EMC immunity	Designed to meet EN61000-4-2,3,4,5,6,8,11, EN61547, Light industry level (Surge 6KV)
Others	Cooling	Natural Cooling
	Enclosure Protection	IP 67
	Dimension	138 x 45 x 34mm (L*W*H)
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25Deg.C ambient temperature. 2. Tolerance : includes set up tolerance ,line regulation and load regulation. 3. Specifications are subject to change without prior notice due to constant improvement in design & technology. 4. Constant current operation region is within 75% ~ 100% rated output voltage. This is the suitable operation region for LED related applications, but please reconfirm special electrical requirements for some specific system design.	

