

## LEDDRIVER

### NPS-60

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## Non-Dimmable Electronic Control Gear With Active PFC

### • Features:

- Universal AC input 90VAC~300VAC
- Protections: Short Circuit / Overcurrent / Over voltage / Over Temperature
- Cooling by free air convection.
- Built inactive PFC function
- Small and Compact size
- 100% Full Load Burn-in Test.



### SPECIFICATION

MODEL		60300	60250	60200	60166	60142
Output	Rated Current	3A	2.5A	2A	1.66A	1.42A
	LED Operation Voltage	15~20V	18~24V	22~30V	27~36V	31~42V
	Typical Output Power	60W				
Input	Voltage Range	90VAC~300VAC				
	Current@230VAC(Typ.)	308mA				
	Frequency Range	45Hz - 65Hz				
	Power Factor	>0.95 at 100%load				
	ATHD	<10%				
	Efficiency	>89%				
	Inrush Current	<30A @230VAC				
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	-30°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 2KV), Criteria A				
Others	Cooling	Natural Cooling.				
	Enclosure Protection	IP 67				
	Dimension	181.5x 61 x 46mm (L*W*H)				
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 Deg. 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.					

