

LED DRIVER

NPS-30

Nuteck Power Solutions P Ltd.
 1st Floor, 115/5, Ramtekdi Industrial Area,
 Hadapsar, Pune-411013.
 Tel : +91 26811162, Mob : +91 9552545012
 Email : info@nuteck.in
 Web : www.nuteck.in

Non-Dimmable Electronic Control Gear With Active PFC

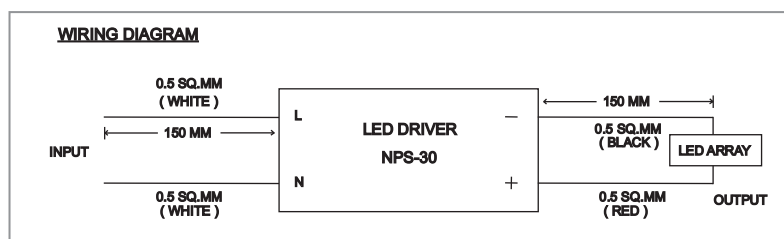
• Features:

- Universal AC input 90VAC~ 300VAC
- Protections: Short Circuit / Overcurrent / Over voltage / Over Temperature
- Cooling by free air convection.
- Class II Power Unit, no FG
- Built in active PFC function
- Small and Compact size
- 100% Full Load Burn-in Test.
- Suitable for built in application of LED Lighting.
- Higher reliability, Low Cost.



SPECIFICATION

MODEL	20035	20050	20070	24035	24050	24070	30050	30070	30100	30150		
Output	Rated Current	350mA	500mA	700mA	350mA	500mA	700mA	500mA	700mA	1050mA	1500mA	
	LED Operation Voltage	43~57V	30~40V	21~28V	51~68V	36~48V	25~34V	45~60V	32~42V	22~30V	15~20V	
	Typical Output Power	20W			24W			30W				
	Current Accuracy	±5%										
Input	Voltage Range	90VAC~ 300VAC										
	Current @230VAC(Typ.)	107mA			129mA				161mA			
	Frequency Range	45Hz -65Hz										
	Power Factor	>0.95 at 100% load										
	ATHD	<10%										
	Efficiency	>89%										
	Inrush Current	<10A At 230VAC										
Protection	Open LED Protection	Hiccup mode, recover automatically after fault condition is removed										
	Short Circuit	Hiccup mode, recover automatically after fault condition is removed										
Environment	Amb. Temp. Range	-10°C to +40°C.										
	Working Humidity	20% to 90% RH (Non-Condensing).										
	Storage Temp Humidity	-20°C to 85°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										
	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 20										
	Dimension	110 x 42 x 26mm (L*W*H)										
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°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 systems.											



SMPS | DC DC Converters | Adapters | PoE Injectors & Splitters | Battery chargers | Battery Backup Systems
 LED Drivers | OVP | AVR | Relay I/O Modules | Protection Relays | Surge Protectors | Inverters | Fan Controllers