

15 series

20W AC-DC Constant Current LED Driver



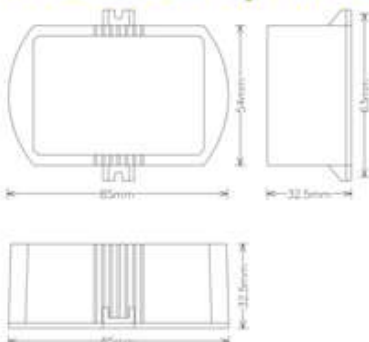
Features

- Universal AC input /Full range (up to 264 VAC)
- Constant Current design
- Class 2 Power Supply Unit
- Built-in active PFC Function
- Fully isolated plastic case.
- 2 years warranty
- Protections :
 - Over current / ■ Short Circuit

Specification

Model No.		LD020H-CU10524-15	LD020H-CU07034-15	LD020H-CU03556-15
Input	Voltage & Frequency Range	100-240VAC; 50Hz/60Hz		
	AC Current (Max.)	0.25A at 115Vac/ 0.16A at 230Vac		
	Power Factor	>0.95 at 115Vac/ > 0.82 at 230Vac with full load		
	Inrush Current (Max.)	<20A at 240Vac		
	Leakage Current	<1mA/240Vac		
Output	DC Voltage Range (VF)	12-24V (*VF=20V)	18-34V (*VF=31V)	32-56V (*VF=56V)
	Constant Current Range	1050mA±6%	680mA±6%	350mA±6%
	Rated Max. Power	20W	20W	20W
	Ripple & Noise(Max.) note.2	3.6Vp-p	5.1Vp-p	5.6Vp-p
	Efficiency note.1	75%	75%	73%
Protections	Over Current	110%-120% Constant current limiting, auto-recovery		
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed		
Environment	Working Temp.	-20 °C~50 °C ambient operating at full load		
	Working Humidity	20% ~ 90% RH non-condensing		
	Storage Temp.,Humidity	-20~+80°C ,10%~90% RH		
Safety & EMC	Safety Standards	meet EN61347-1,EN61347-2-13, UL1310		
	EMC Standards note.3	meet EN55015,EN61000-4-2,3,4,5,6,8,11 ,EN61547		
	Withstand Voltage	I/P-O/P: 3.75 KVAC		
	Isolation Resistance	I/P-O/P:100M ohms / 500VDC at 25 °C		
Connection	Input	UL rated,18 AWGx 2C(150mm)		
	Output	UL rated,18 AWGx 2C(150mm)		
Others	MTBF	100K hours min. @Ta=25 °C		
	Dimension(L*W*H)	85 * 54(63)* 32.5mm		
	Packing(L*W*H)/Carton	487 * 352 * 230mm; 100pcs/24.0Kg		
Note	1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature.			
	2. Ripple & Noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uf & 47uf parallel capacitor.			
	3. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.			

Mechanical Specification



Wiring Diagram

