

15 series

20W AC-DC Constant Voltage LED Driver



CBC **CE** **RoHS** **SELV IP65**
E301933 E301933 EQUIVALENT

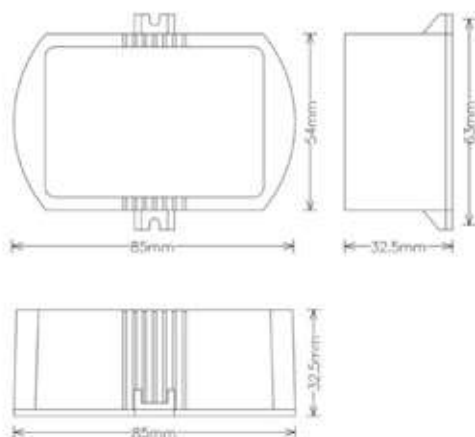
Features

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

Specification

Model No.		LD020H-VU16712-15	LD020H-VU08324-15	LD020H-VU05536-15	LD020H-VU04248-15
Input	Voltage & Frequency Range	100-240VAC;50Hz/60Hz			
	AC Current (Max.)	0.26A at 115Vac/ 0.16A at 230Vac			
	Power Factor	>0.9 at 115Vac/ > 0.8 at 230Vac with full load.			
	Inrush Current (Max.)	<20A at 240Vac			
	Leakage Current	<1mA/240Vac			
Output	DC Voltage Range	12±1.2V	24±1.2V	36±1.8V	48±2.4V
	Constant Current Range	1670mA max	830mA max	550mA max	420mA max
	Rated Max. Power	20W	20W	20W	20W
	Ripple & Noise(Max.) note.2	6.0Vp-p	4.8Vp-p	5.4Vp-p	4.8Vp-p
	Efficiency note.1	78%	73%	77%	75%
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	IP-O/P: 3.75 KVAC			
	Isolation Resistance	IP-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

