

Project Name:	
Type:	

# LD020H-VUXXXX-15

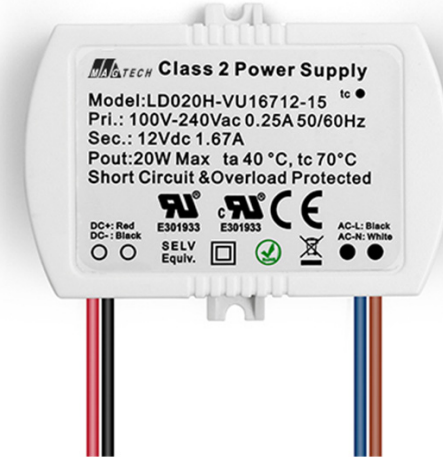
20 Watts AC-DC Constant Voltage  
LED Driver

## PRODUCT FEATURE

- Universal Input / Full range (up to 264VAC)
- 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

## WARRANTY

- See [Limited Warranty Policy](#) for more additional information



## SPECIFICATION

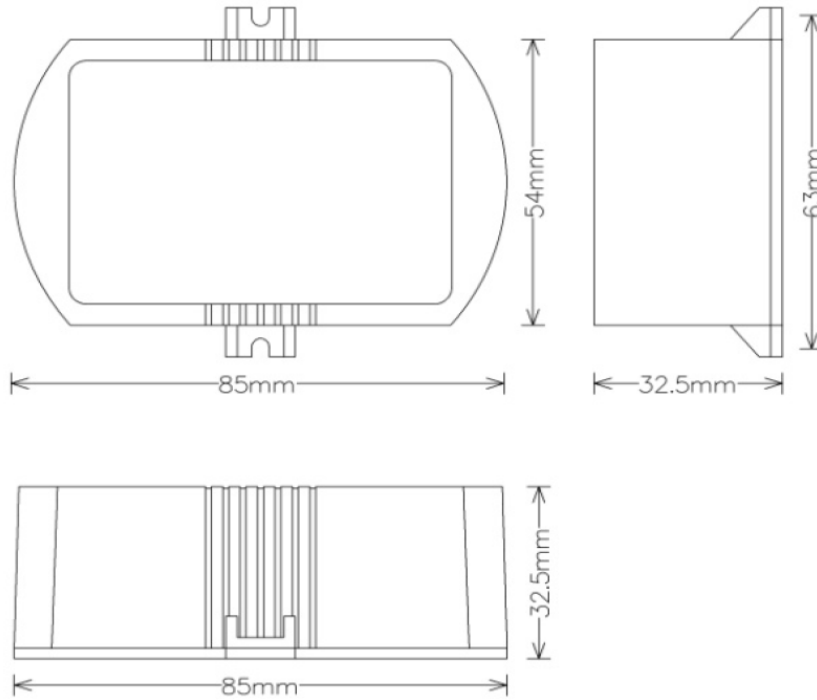
MODEL NO.		LD020H-VU16712-15	LD020H-VU8324-15	LD020H-VU05536-15	LD020H-VU04248-15
<b>INPUT</b>	Voltage & Frequency Range	100 – 240VAC; 50Hz / 60Hz			
	AC Current (Max.)	0.26A at 115VAC/ 0.16A at 230VAC			
	Power Factor	>0.9 at 115Vac/ > 0.8 at 230Vac with full load			
	Inrush Current (Max.)	< 20 A at 240 VAC			
	Leakage Current	< 1mA /240 Vac			
<b>OUTPUT</b>	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			
	Ripple & Noise (Max.) Note.2	6.0 Vp-p	4.8 Vp-p	5.4 Vp-p	4.8 Vp-p
	Efficiency Note.1	78%	73%	77%	75%
<b>PROTECTIONS</b>	Over Current	110% - 120% Constant Current limiting, auto-recovery			
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed			
<b>ENVIRONMENT</b>	Working Temperature	-20°C ~ 50°C ambient operating at full load (Refer to output load derating curve)			
	Working Humidity	20% ~ 90% RH non-condensing.			
	Storage Temperature Humidity	-20 ~ +80°C ,10% ~ 90% RH			
<b>SAFETY &amp; EMC</b>	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			
<b>CONNECTION</b>	Input	UL rated, 18 AWGx 2C (150mm)			
	Output	UL rated, 18 AWGx 2C (150mm)			
<b>OTHERS</b>	MTBF	100K hours min. @Ta=25 °C			
	Dimension (L*W*H)	85 * 54 (64) * 32.5mm			
	Packing (L*W*H) / Carton	487 * 352 *230mm; 100pcs/ 24.0Kg			
<b>NOTE</b>	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 must be re-confirmed that it still meets EMC directives.				

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## WIRING DIAGRAM



## MECHANICAL DIMENSION: Ø65MM

