

## PLV-60 Series



### 60W Single Output Constant Voltage Power Supply



#### Key Features:

- Constant Voltage design (C.V mode)
- Slimline Design
- Protections: Over Load/ Over Voltage/Short Circuit
- Designed for indoor installation
- 100% full load burn-in test
- Suitable for LED Lighting and LED electrical display applications
- Plastic case
- 3 years warranty
- 30,000 hours

#### PLV-60 SPECIFICATION

Part Code	PLV-60-12	PLV-60-24
Voltage	220V ~ 240VAC	220V ~ 240VAC
Frequency	50 ~ 60 Hz	50 ~ 60 Hz
Inrush	Cold start 30A/230VAC 300mS	Cold start 30A/230VAC 300mS
AC Current	0.35A / 230VAC at full load	0.35A / 230VAC at full load
Power Factor	>0.95	>0.95
Voltage	12V	24V
Current	5A	2.5A
Power	60W	60W
R&N	<200mV	<300mV
Efficiency (TYP.)	90%	90%
Voltage Adj. Range	±5%	±5%
Voltage Tolerance	±3%	±3%
Line Regulation	<5%	<5%
Load Regulation	<5%	<5%
Short Circuit	Recovers automatically after fault condition is removed	
Over Load	Recovers automatically after fault condition is removed	
Over Voltage	Recovers automatically after fault condition is removed	
Withstand Voltage	I/P-O/P: AC3.75KV Leakage <5mA, 60s	
Isolation Resistance	I/P-O/P: DC500V 100Mohms (At room temperature & humidity)	
Working Temp & Humidity	-20°C ~ +40°C 5 ~ 85%RH	
Storage Temp & Humidity	-40°C ~ +70°C 5 ~ 85%RH	
Safety Standard	Design to meet EN61347-2-13	
EMC Standard	Meets Emissions to EN55015, EN61547, EN61000-3-2, EN61000-3-3	
Weight	0.152Kg	0.152Kg
Dimensions	305 x 30 x 17mm	305 x 30 x 17mm



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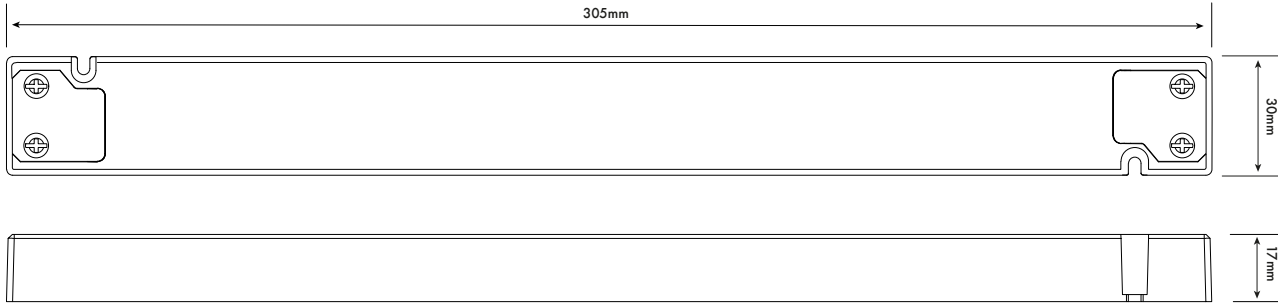


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### Mechanical Diagrams



Breaker Type	B10	B13	B16	B20	C10	C13	C16	C20	D10	D13	D16	D20	Inrush Current	
													max	duration
PLV-60-12	5	7	9	11	12	16	19	24	24	32	36	49	30A	300ms
PLV-60-24	5	7	9	11	12	16	19	24	24	32	36	49	30A	300ms

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