

PLV-45 Series



45W 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-45 SPECIFICATION

Part Code	PLV-45-12	PLV-45-24
Voltage	220V ~ 240VAC	220V ~ 240VAC
Frequency	50 ~ 60 Hz	50 ~ 60 Hz
Inrush	Cold start 25A/230VAC 300mS	Cold start 25A/230VAC 300mS
AC Current	0.25A / 230VAC at full load	0.25A / 230VAC at full load
Power Factor	>0.95	>0.95
Voltage	12V	24V
Current	3.75A	1.9A
Power	45W	45W
R&N	<300mV	<500mV
Efficiency (TYP.)	86%	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	0.124Kg	0.124Kg
Dimensions	251 x 30 x 16mm	251 x 30 x 16mm

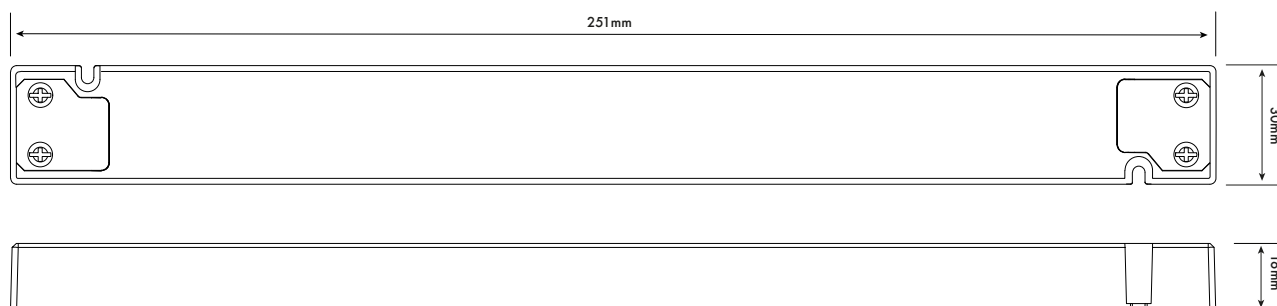


PLV-45 Series



45W Single Output Constant Voltage Power Supply

Mechanical Diagrams



Breaker Type	B10	B13	B16	B20	C10	C13	C16	C20	D10	D13	D16	D20	Inrush Current	
													max	duration
PLV-45-12	7	9	11	14	14	19	23	29	28	38	43	59	25A	300ms
PLV-45-24	7	9	11	14	14	19	23	29	28	38	43	59	25A	300ms