

SCV30-VF1 SERIES

Slimline LED Power Supplies: 30 Watts



Features

- Slimline package: 251 x 30 x 16mm
- **Constant Voltage** LED power supplies
- 12V and 24Vdc output models
- Output power 30 watts
- High Efficiency up to 85%
- Power Factor Correction typically 0..90
- IP20 enclosure for indoor use
- Output short circuit protection
- Over temperature protection
- Safety: EN61347-1 & -2
- EMC C-Tick

Specifications

Input Voltage	240VAC (180 ~ 264)
Input Current	0.3A
Frequency	50Hz
Output Power	30 watts
Harmonics	IEC61000-3-2
Power Factor	0.9 at rated power
Efficiency	Typically 85%
Input No Load Power	< 0.3W
Output Voltage	Fixed $\pm 5\%$ accuracy
Regulation	< $\pm 5\%$
Ripple & Noise	12V models: 240mV pk-pk, 20MHz Bandwidth 24V models: 480mV pk-pk, 20MHz Bandwidth
Open Circuit Voltage	12V models: < 13V, 24V models: < 25V
Turn-on Delay	Typically < 2sec.
Isolation	Input ~ output: 3000VAC <ul style="list-style-type: none">• Input-Output isolation test not be carried out on these power supplies.
Insulation	Class II
Protection	Short circuit protection Over temperature protection
Safety	IEC61347-1 ,IEC61347-2-13
EMI	IEC/EN55015 Conducted Lev B IEC/EN55015 Radiated Lev B
Immunity	IEC61547
Operating Temp.	-20°C to +50°C,
Case temp.	Maximum case temperature +80°C
Humidity	85 % RH
IP Rating	IP20
Case	Plastic
MTBF	Lifetime: typically 30,000hrs
Connections	Input & output terminals under cover
Output Cable Length	Maximum 2m to meet EMC standards
Dimensions	251 x 30 x 16mm
Weight	120g

Description

The **SCV30VF1** series of “**Constant Voltage**” power supplies are designed specifically for use with LED’s in indoor applications and available with 12V & 24V output models. The key feature is their low profile (16mm) and slimline package. The electronic protection turns off the power supplies in case of short circuit or overload, as well as open circuit or over temperature.

Model	Output V	Output A	Power W
SCV30-12VF1	12V	2.5A	30W
SCV30-24VF1	24V	1.25A	30W

