



Features:

- Low Profile Constant Voltage Driver
- AC input: 200-240VAC
- Built in PFC Function, Flicker Free
- Efficiency up to 85%
- Protections: short circuit/ over loading/ over current/ over temperature
- Full protection plastic housing easy installation
- Cooling by free air convection
- Suitable for profile lighting and lightboxes



Models

ECP50-12VF-1

ECP50-24VF-1

Output Specifications

	ECP50-12VF-1	ECP50-24VF-1
Output Voltage	12V	24V
Voltage Tolerance	180mV	
Output Current	4.16A	2.08A
Rated Power	50W	

Input Specifications

Input Voltage	200-240VAC
Frequency Range	50-60Hz
Inrush Current	<60A
Full Load Efficiency (Typ.)	85%
AC Current (Max.)	0.3A
Power Factor	PF >0.9/240VAC (Full Loading)

Protection

Short Circuit	Shut down o/p voltage, re-power onto recover after fault condition is removed
Over Loading	<120%, Shut down o/p voltage, re-power onto recover
Over Temperature	115°C shut down o/p voltage, re-power onto recover
Protection Class	II

Environment

Working Temperature	-20~+45°C (Refer to derating curve), +85°C (max case temp.)
Working Humidity	45-85%

Safety & EMC

Safety standards	EN613471, EN61347-2-13
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Safety & EMC

EMS	EN61000-3-2; EN61000-3-3; EN61547
EMF	EN62493-2010
ERP	EN1194-2012

Other Specifications

IP Rating	IP20
Weight	0.19 Kg
Size	160 x 57.8 x 18 mm
Packing	300 x 205 x 160 mm (50PCS/CTN)

Mechanical Specifications

