

Features:

- Low Profile Constant Voltage Driver
- AC input: 200-240VAC
- Built in PFC Function, Flicker Free
- Efficiency up to 88%
- 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

ECP100-12VL-E

ECP100-24VL-E

Output Specifications

	ECP100-12VL-E	ECP100-24VL-E
Output Voltage	12V	24V
Voltage Tolerance	300mV	
Output Current	8.33A	4.16A
Rated Power	100W	

Input Specifications

Input Voltage	200-240VAC
Frequency Range	50-60Hz
Inrush Current	<75A
Full Load Efficiency (Typ.)	90%
AC Current (Max.)	0.22A
Power Factor	PF >0.98/240VAC (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
------------------	------------------------

Safety & EMC

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

Other Specifications

IP Rating	IP20
Weight	0.25Kg
Size	170 x 44.5 x 28.2mm
Packing	290 x 190 x 190 mm (20PCS/CTN)

Mechanical Specifications

