

Datasheet

ECP30-VF Series

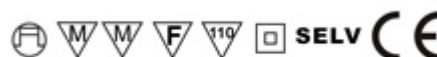
30W Low Profile CV LED Power Supply with PFC

Features:

Input Voltage: 200 – 240Vac
 Input Frequency: 50Hz
 Output Power: 30W
 Built-in PFC function (≥ 0.9)
 Low Profile and light-weight plastic case
 Working Temperature: -20C to +45C
 Protections: Short circuit/Overload/Over Temp.
 3 year warranty



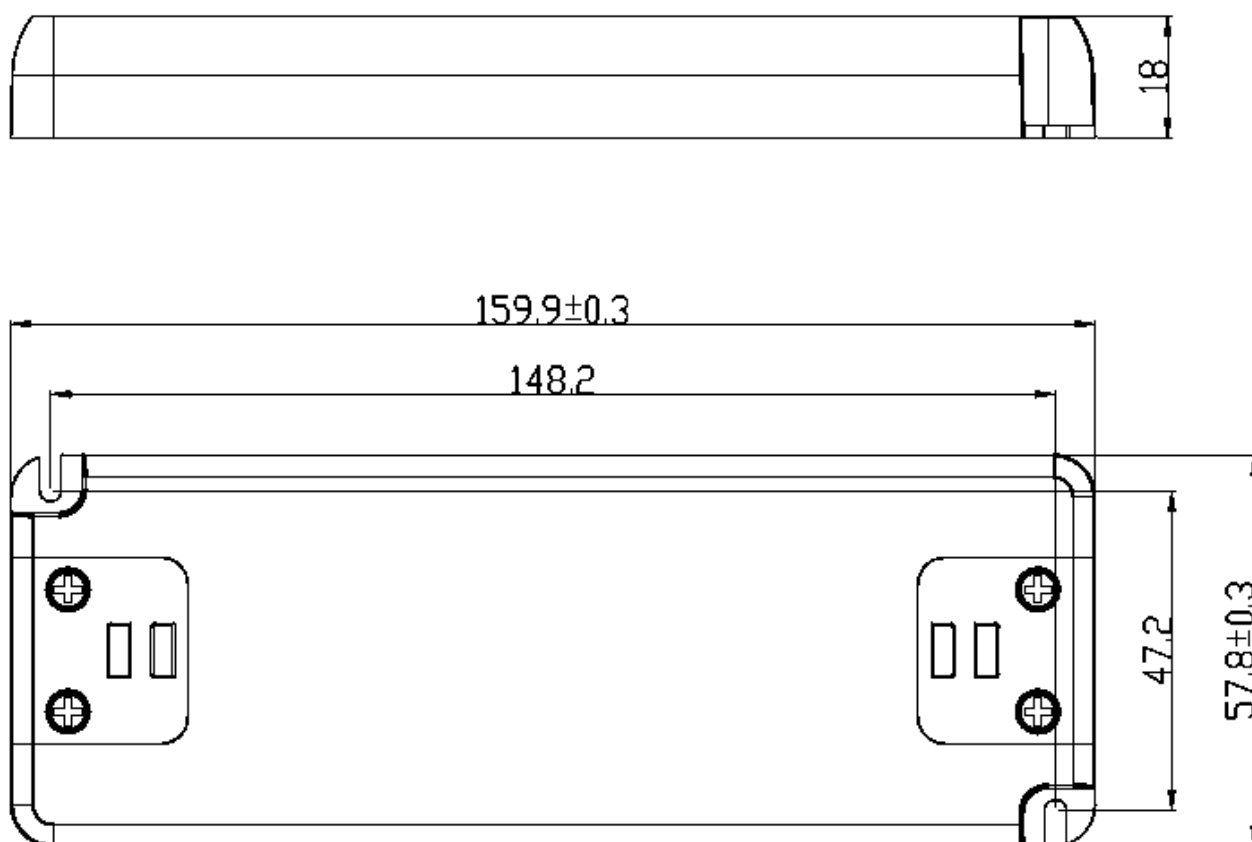
Specification:



RS Stock Number		823-4891	823-4894
Output	Rated Voltage	12V	24V
	Voltage Accuracy	$\pm 5\%$	$\pm 5\%$
	Current Range	0-2.5A	0-1.25A
	Rated Power	30W	30W
Input	Voltage Range	180-264VAC	
	Frequency Range	50-60Hz	
	Power Factor	≥ 0.9	
	Efficiency	$\geq 81\%$	$\geq 85\%$
	Inrush Current (typ.)	50A at 230VAC	
	No Load Power Consumption	$< 0.5W$	$< 0.5W$
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed	
	Overload	$> 110\%$ rated output power Hiccup mode, recovers automatically after fault condition is removed	
Environment	Working temp	$-20^{\circ}C - 45^{\circ}C$	
	Working humidity	45-85%	
Safety & EMC	Safety standards	EN61347-1, EN61347-2-13	
	EMC emission	EN55015	
	EMC Immunity	EN61547; EN61000-3-2; EN61000-3-3	
Other	Dimensions	159.9x 57.8x 18mm	
	Packing	0.080kg; 100pcs/18.4kg	

Dimensions:

Dimension in mm



Safety According to EN61347-1, EN61347-2-13

EMI According to EN55015

EMS According to EN61000-3-2; EN61000-3-3; EN61547

Approbation Mark: CE RoHS; TUV; C-Tick