

ENGLISH

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	<u>+</u> 5%	<u>+</u> 5%		
	Current Range	0-2.5A	0-1.25A		
	Rated Power	30W	30W		
Input	Voltage Range	180-264VAC			
	Frequency Range	50-60Hz			
	Power Factor	<u>≥</u> 0.9			
	Efficiency	<u>></u> 81%	<u>≥</u> 85%		
	Inrush Current (typ.)	50A at 230VAC			
	No Load Power	<0.5W	<0.5W		
	Consumption				
Protection	Short Circuit	Hiccup mode, recovers	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°c – 45°c			
	Working humidity	45-85%			
Safety & EMC	Safety standards	EN61347-1, EN61347-2	EN61347-1, EN61347-2-13		
	EMC emission	EN55015			
	EMC Immunity	EN61547; EM61000-3-2; EN61000-3-3			
Other	Dimensions	159.9x 57.8x 18mm	159.9x 57.8x 18mm		
	Packing	0.080kg; 100pcs/18.4kg	0.080kg; 100pcs/18.4kg		

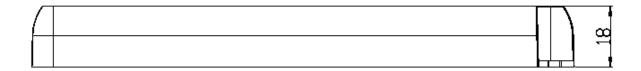
RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

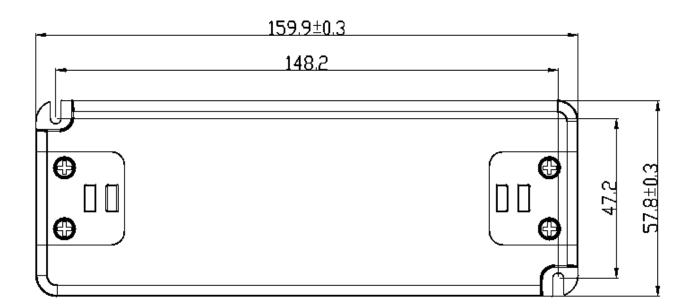


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Dimensions:

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