



the little power expert...

EV Battery Charger

24V/5A

Features

- High efficiency & low energy consumption
- 2 Colour LED indication
- Short circuit protection with auto restart
- Compact size
- Surge voltage protection up to 3KV
- Input & Output fully Protection
- Minimum Noise ripple
- Less than 0.5% Line regulation
- Sustainable in worse input power condition
- Soft start System
- Application for **EV Battery Charging** (Lithium ION Battery)



Model : **EVC2450A**

Specifications

TEST PARAMETERS	UNIT	RESULT VALUE
AC Input Voltage	VAC	140 - 280VAC
Input Frequency	HZ	47 - 58Hz
Input Current (on full load in 230VAC)	A	1.01A
Power Factor	-	0.64
Output Cut-Off Voltage (without load)	VDC	28VDC ($\pm 2\%$ tolerance)
Output Voltage (with load)	VDC	23.8VDC ($\pm 2\%$ tolerance)
Output Current	A	5A
Output Watt	W	120W
Overcurrent Protection	-	-
Overvoltage Protection	V	-
LED Indicator	-	RED LED = Charging full , YELLOW LED = Charging ON
Efficiency	-	86%
Operating Temperature	-	-20 to +60°C.
Operating Humidity	-	20 - 90% RH (non condensing)
Cooling	-	Convection
Line Regulation	-	0.5%
Load Regulation	-	NA
Surge Protection	KV	3KV
Weight	g	550gm
Over all Dimensions	mm	L152 X W68 X H45
Warranty	year	1