



the little power expert...

EV Battery Charger

36V/3A

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 : **EVC3630A**

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	1A
Power Factor	-	0.6
Output Cut-Off Voltage (without load)	VDC	42VDC (±2%tolerance)
Output Voltage (with load)	VDC	36VDC (±2%tolerance)
Output Current	A	3A
Output Watt	W	108W
Overcurrent Protection	-	-
Overvoltage Protection	V	-
LED Indicator	-	RED LED = Charging full , YELLOW LED = Charging ON
Efficiency	-	84%
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

Dt: 04-08-2021