

# Solar Auto Charge Controller

An unique device which connects SUN power and you.

We've been working on this for some time for delivering an Hybrid solution for inverters already installed locations. We've managed to produce what we believe to be a great idea. An idea that quickly became concept, and before we knew into a project, then alpha, beta, and now a full product thanks to some great coding and some fresh talent.

Able to breathe new life into your home/office or living environment , we at Ray Dynamics are proud to announce and introduce the community to 'SMART GRID' a SOLAR AUTO CHARGE CONTROLLER.

This unique device integrates the solar power and grid and delivers the best power available based on different parameters, thanks to FADEC (Full Authority Digital Electronic Control) technology used within.

FADEC allows to optimize the solar power and charge your batteries and continues to deliver the solar power to load under standard parameters. If solar goes down the device powers your inverter in grid automatically.

## Salient Features:

- ⊙ Excellent solutions in existing UPS/inverters installed sites
- ⊙ Solar-Grid automatic changeover and charge controlling
- ⊙ Intelligent sensing of solar and grid power
- ⊙ Excellent power saving concept
- ⊙ Reduce grid bills
- ⊙ Green energy solution
- ⊙ Smart circuitry monitors the battery system
- ⊙ Temperature compensated charging
- ⊙ Easy to install and maintain
- ⊙ Eighteen Months warranty

## Electrical Features

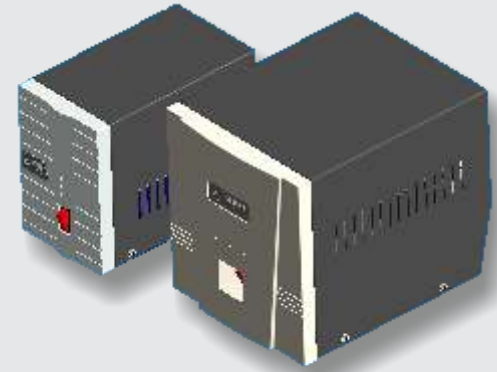
- ⊙ Available in 125 / 300 watt models
- ⊙ Accepts solar power panel input voltage of 10-30V DC
- ⊙ Robust Battery / Solar point terminals
- ⊙ Smart front LED indication for solar/grid situation
- ⊙ Mains power cord of 230V/6A rated
- ⊙ Battery upto 12V / 150AH capacity can be connected
- ⊙ Safety fuses for AC and DC side
- ⊙ IP20 powder coated enclosure
- ⊙ Smart solar charge controller with intelligent algorithm decides the state of charge from solar/grid

## Dimensional details :

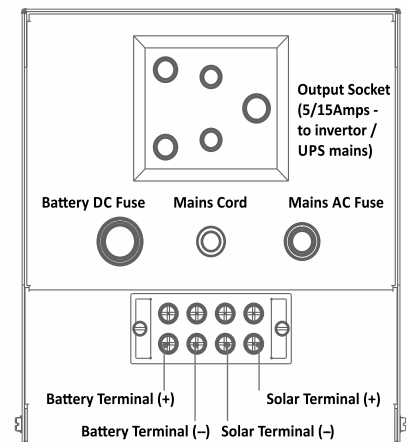
Model :	Length	Width	Depth
SG125	145	100	180
SG 300	180	166	220

Manufactured by :

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## SMART GRID BACK PANEL LAYOUT



**Note :** The Image, technical specifications may vary without further notice

*Authorized Dealer :*