

www.insolationenergy.in



Manage Solar Power



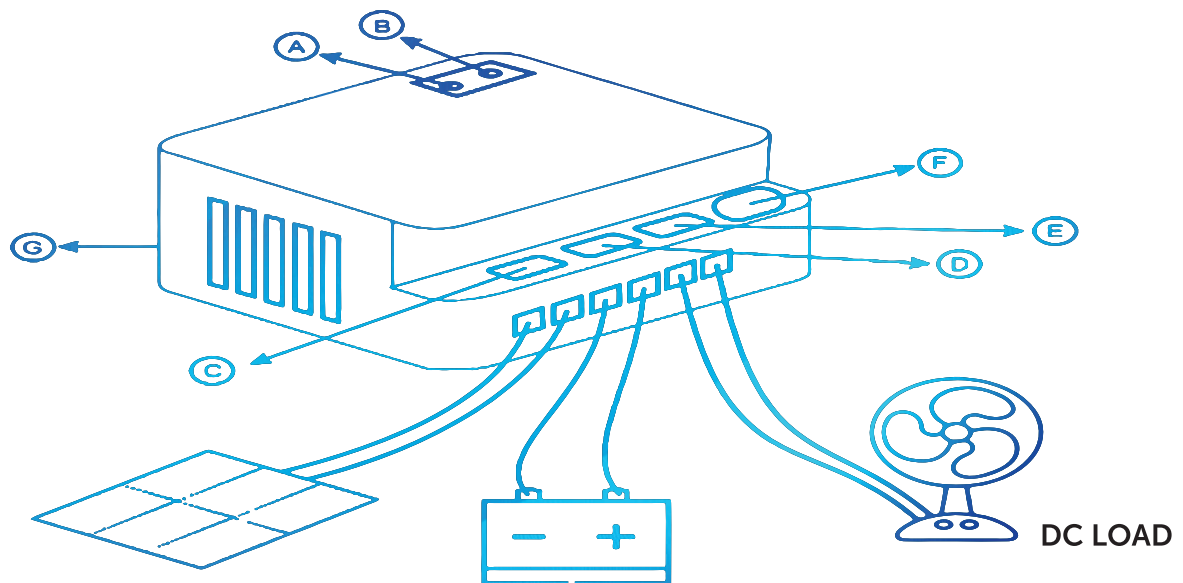
SOLAR CHARGE CONTROLLER

(122410-ECO)

Check on your Batteries from overcharging
with INA Solar Charge Controller

INSOLATION ENERGY LTD.

SOLAR CHARGE CONTROLLER



SWITCH AND INDICATION DETAILS

A. CHARGING LED:

This indication shows the battery charging status.

B. FAULT LED:

This indication shows the overload faults like low solar current
Or load current.

C. SOLAR INPUT:

This connector is used for solar connection.
Solar panel max 150W for 12V & 300Watt for 24V can be used.

D. BATTERY INPUT:

This connector is used for battery connection.

E. LOAD:

These terminals are used for connection DC load like
DC Fan, DC LED Lamp etc.

(before connecting the load, check the battery voltage because the load voltage is same as the battery voltage.
This load output will be off if any fault condition occurs.)

F. FAULT LED:

This indication shows the faults of reverse connection.

G. DUSK-TO-DAWN:

Shorting jumper inside to enable the function.

SOLAR CHARGE CONTROLLER

PARAMETERS	122410 - ECO
System Voltage	12/24V
PV Rating Max	300W (24V Battery)
Boost Voltage	14.1V \pm 0.2V
Float Voltage	13.6V \pm 0.2V
Low Voltage	10.0V \pm 0.2V
Max Solar Input Voltage	15-25V (12V Battery)
Max Solar Input Voltage	30V-50V
Efficiency	\geq 97%
Charging Current	10Amp \pm 0.5Amp
Absorption period	Up-to 30Min based on battery DOD

KEY INDICATIONS TO KEEP IN MIND

LED INDICATION	
Yellow LED Steady	Solar Available and Charging ON
Yellow LED Blinking	Solar Available and Battery is Full Charged
Red LED Steady	Battery Low
Red LED Blinking	High Current Charging
	Battery Voltage Too High
	Solar Input Short or Reverse Current
	Load Short Circuit



AMONGST NATION'S TOP SOLAR BRANDS IN JUST HALF A DECADE!

FULLY AUTOMATED PRODUCTION TECHNOLOGY



BIS



ALMM



SOLAR PANEL

Range - 40Wp - 545Wp

SOLAR BATTERY

Range - 40AH - 200AH

SOLAR PCU

Range - 750VA - 15000VA



INSOLATION ENERGY LTD.

Regd. Office - G-25, City Center, S.C. Road, Jaipur - 302001 | Ph. +91 141 4019103, 4029103

Works:(A)25KM Milestone, Jaipur-Delhi Bypass, Near Daulatpura Toll Tax, Village Bagwara, Jaipur - 303805

(B)Khasra No. 11/1, Jatawali Industrial Area, Near Shyam Dhani Masala Factory, Tehsil-Chomu, Jaipur -303806

Delhi Office - 502 A, Arunachal Building, Barakhamba Road, Connaught Place, New Delhi - 01 | Ph. +91 11 43723333

For Sales Related Enquiry, Call: **7240 444 666**

E-mail - info@insolationenergy.in | Follow Us :     