

iSCC-A™ Series



ISLANDERS iSCC-A SERIES SOLAR CHARGE CONTROLLER

iSCC-A™ Series

Solar Charge Controller

Product Overview

The new version of the solar charge controller **iSCC-A™ Series** is especially designed for small solar systems requiring low-battery disconnect. The **iSCC-A™ Series** is fully electronically protected.

It is indispensable to control and protect the battery, avoid over-charging and protect the battery against deep discharge.

The **iSCC-A™ Series** works on positive grounding.

In addition to perfect PWM regulation and integrated temperature compensation, the controller provides electronically regulated charging mode (Boost and Floating).

The main difference of **iSCC-A™ Series** is that it prevents from over-temperature caused by a short-circuit in a panel.

It has three LEDs to indicate: SOC, LVD, over-load and short-circuit.

Leisure and rural electrification systems are the typical applications for this product. It is a perfect solution for cost-sensitive systems.

Available Models

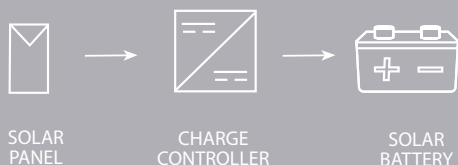
SOLAR CHARGE CONTROLLER iSCC-A06 ISLANDERS 12V - 6A

SOLAR CHARGE CONTROLLER iSCC-A10 ISLANDERS 12V - 10A

OPTIONAL ACCESSORY: DIGITAL DISPLAY iSCC-DL™

Features and Benefits

- **Electronically regulated charging mode:** boost and float charge
- **Deep discharge protection**
- **PWM series regulation**
- **Integrated temperature compensation**
- **Fully electronically protected against:**
 - Panel surge voltage
 - Reverse polarity (panel or battery)
 - Overload and short circuit at load
- **Three LED indications:** SOC, LVD, over-load and short-circuit
- **Positive grounding**
- **Remote display iSCC-DL™ available** (not included)



Industry Leading Technology for Off-Grid, Off-Shore and Backup Power Applications



iSCC-A™ Series

Specifications

MODEL	iSCC-A06	iSCC-A10
Nominal voltage	12V	
Max. module current	5A	10A
Max. load current	6A	10A
Own consumption	4 mA	
Temperature compensation	-4 mV/cell*°K	
Max. wire size	16mm ²	
Ambient temperature	-40°C +50°C	
Dimensions (W x H x D)	80 x 100 x 32 mm	
Weight	182g	
Type of protection	IP22	
Terminals	Up to 16mm ²	



REMOTE DISPLAY iSCC-DL ISLANDERS
FOR CHARGE CONTROLLER iSCC-A
SERIES (OPTIONAL)

Optional Accessory

iSCC-DL™ Series

Digital Remote Display for Charge Controller iSCC-A™

Product Overview

The remote display iSCC-DL™ of ISLANDERS is designed to measure and display the panel current, the charging current and battery voltage of your PV system, to offer more detailed information about your system. iSCC-DL™ display can be used in combination with the charge controllers of iSCC-A™ Series of ISLANDERS.

Features and Benefits

- It measures and displays the panel current, the load current and battery voltage
- Clear and accurate, data shown 3 digits
- 3 keys to switch the values you want to see
- 3 LEDs indicate the value that is shown in the display
- Prepared for DIN rail mounting

MODEL	iSCC-DL
Voltage Range	0 to 35V
Current Range	0 to 25A
Temperature Range	-25 to +50°C
Connection cable length	2 m
Dimensions of measurement part	84 x 44 x 32 mm
Dimensions of display	72 x 68 x 29 mm
Weight	195g (cable included)
Type of protection	IP22

IS-2006216-GAH



Industry Leading Technology for Off-Grid, Off-Shore and Backup Power Applications



SOLAR



WIND



MARINE
BOAT



CARAVAN
CAMPING



UPS-BACKUP
ENERGY



PROFESSIONAL



TELECOM
CATV



AGRICULTURAL



WORKS



TRAFFIC