

iSCC-DUO-PRO™ Series

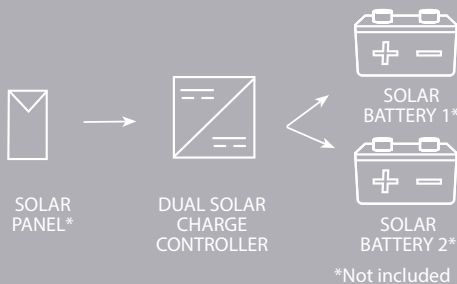
iSCC-DUO-PRO™ Series

Dual Solar Charge Controller

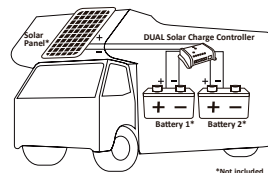
Product Overview

- Specially designed for DUAL Battery Bank Solar Charging
- Ideal for charging the starter battery and the service battery of your boat, caravan or mobile home
- Easily configurable: charging priority, battery type and charging frequency
- 12V / 24V automatic detection
- Four-stage PWM charging
- Negative grounding
- With internal temperature sensor
- Protections: over current, short circuit, reverse current and reverse polarity connection of the solar panels and/or battery
- Lower Cost. Eliminates the added cost of two separate solar charging systems and
- Ideal for Solar Off-Grid and Off-Shore applications, especially for two independent battery systems, e.g. RVs, caravans, marine, street lights, etc.
- Optional Remote Meter with 10m connection cable included (RM-DUO-PRO™)

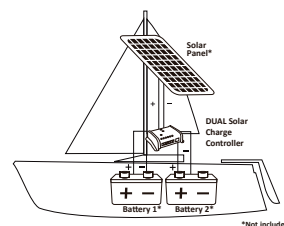
iSCC-DUO-PRO™ Series



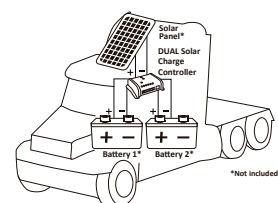
RV and CARAVAN



MARINE



TRUCKS



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



iSCC-DUO-PRO™ Series

Specifications

General Specifications		iSCC-DUO-PRO 10	
Nominal System Voltage		12V / 24V – Automatic detection	
Self-consumption		4mA (at night) / 10mA (charging)	
Terminals		4mm ²	
Dimensions		137 x 105 x 43 mm	
Weight		0.2 kg	
Temperature Range		-35°C to +55°C	
Protections		Overcurrent, short-circuit, reverse polarity and reverse current. IP22	
Solar PV Panel – Input Specifications		10A	
Maximum solar current		30V (sistema de 12V) / 60V (sistema de 24V)	
Maximum solar voltage			
Battery Charging – Output Specifications		PWM ajustável (25Hz, 50Hz, 100Hz)	
Charging Regulation Method		-30mV/°C (12V systems) / -60mV/°C (24V systems)	
Temperature Compensation		10A (total)	
Maximum charging current			
Battery type (adjustable)	AGM (sealed)	GEL	Flooded
Absorption Voltage	14.2V / 28.4V	14.4V / 28.8V	14.6V / 29.2V
Float Voltage	13.7V / 27.4V	13.7V / 27.4V	13.7V / 27.4V
Equalization Voltage	14.4V / 28.8V	14.6V / 29.2V	14.8V / 29.6V

Optional Accessory

RM-DUO-PRO™ Series – Optional Remote Meter

- Provides Useful information. The remote meter and LED's display system status data and any system errors
- Displays Voltage, Current, Amp-Hours, Watt-Hours, Charge percentage and Temperature
- Suitable for both 12V and 24V Systems
- Easy to Use & Set-Up
- Custom icons and back lighting make the meter easy to read and understand
- Easy to install. The controller is installed near the batteries but the remote meter may be mounted in the wall using the included frame and 10m connection cable (also, included)



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



Islanders™
Series

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