

iSCC-DUO-PRO™ Series

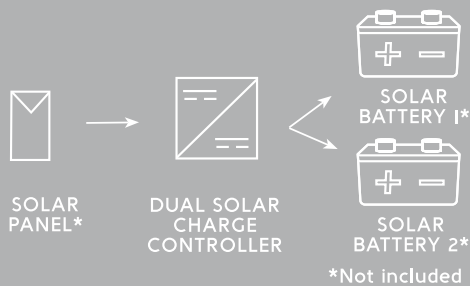


iSCC-DUO-PRO™ Series

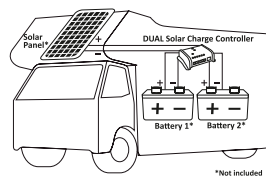


iSCC-DUO-PRO™ Series – XUNZEL XUNZEL Configurable Dual Solar Charge Controller Product Overview

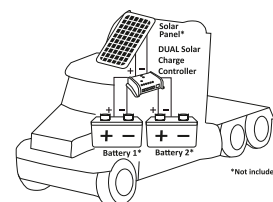
- Specially designed for DUAL Battery Bank Solar Charging
- Ideal for charging the starter battery and the service battery of your boat, caravan or mobile home
- Easy-to-configure: charging priority, battery type and charging frequency
- 12V / 24V automatic detection
- Four-stage PWM charging
- Negative 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™)



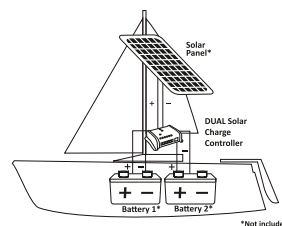
RV and CARAVAN



TRUCKS



MARINE



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



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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				
Maximum solar current	10A			
Maximum solar voltage	30V (12V systems) / 60V (24V systems)			
Battery Charging – Output Specifications				
Charging Regulation Method	PWM adjustable (25Hz, 50Hz, 100Hz)			
Temperature Compensation	-30mV/°C (12V systems) / -60mV/°C (24V systems)			
Maximum charging current	10A (total)			
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 Accessories

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)



XU-I504216-AH

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

