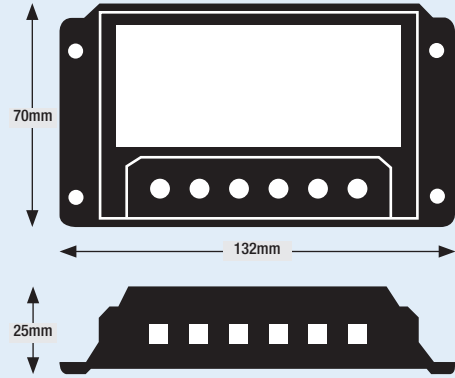
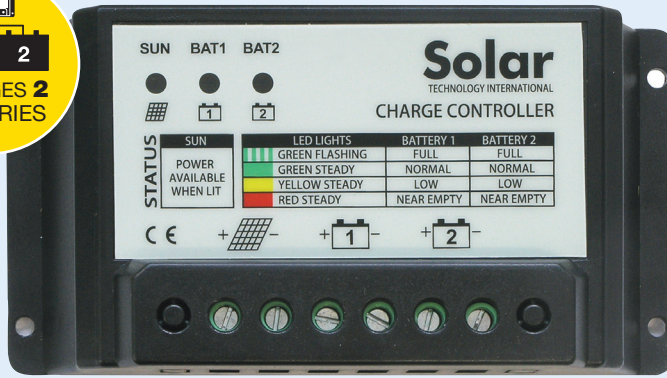
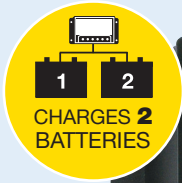


Solar Charge Controller

10A charger control 12v/24v DC (STCC10) • 20A charger control 12v/24v DC (STCC20)



The latest Solar Technology charge controllers provide the very best in power delivery from solar panel to 12v or 24v battery whether charging a single or twin batteries.

These PV Logic Pulse Width Modulation (PWM) controllers deliver sizeable benefits over standard charge controllers by achieving a constant battery voltage and thereby producing a higher charge efficiency, rapid recharging and a longer life expectancy for any battery.

Dual Battery Charging Function - Ideal if twin batteries are used in a caravan or boat or to charge the leisure and vehicle battery in an RV. The dual charge function only occurs when a second battery is connected. In this configuration the controller will still focus its power delivery on the battery connected to the No 1 terminals until that battery is 70% fully charged. Once this is reached power will be delivered to both batteries equally until both are 100% charged.

PRODUCT FEATURES

- 12V/24V AUTOMATIC RECOGNITION ON BOTH BATTERY & SOLAR CONNECTIONS
- UNIQUE SINGLE OR DUAL BATTERY CHARGING FUNCTIONS
- EFFICIENT SERIES PWM CHARGING
- CHARGING & STATUS LEDS
- REVERSE CURRENT PROTECTION

WHICH MODEL?

- 10AH UP TO MAX OF 150W (10A) OF SOLAR PANEL(S)
- 20AH UP TO MAX OF 300W (20A) OF SOLAR PANEL(S)

WARRANTY

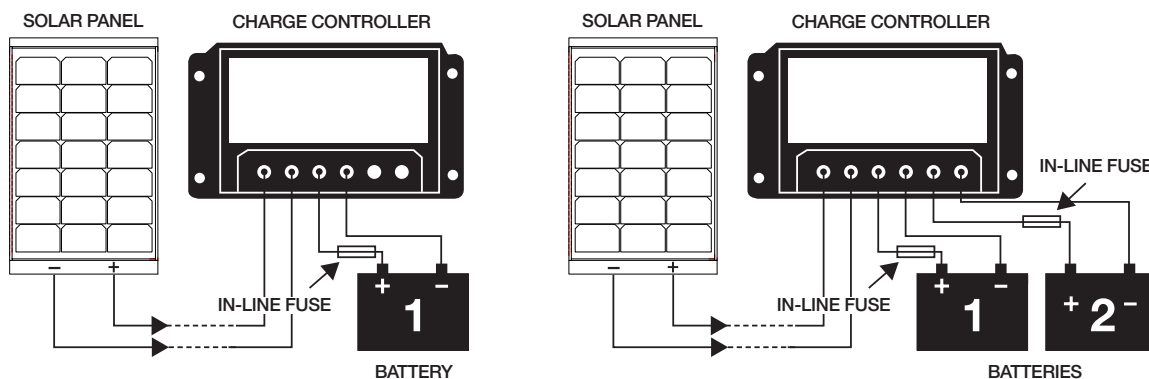
This Solar Charge Controller is supplied with a 12 month warranty. Should a failure occur during this time Solar Technology International Ltd will repair or replace any faulty part, at its discretion. Solar Technology International Ltd does not accept liability for any 3rd party damage how so ever caused or any costs associated with the return of faulty products. To make a warranty claim please telephone Solar Technology International Ltd on +44 (0) 1684 774000.

These warranty conditions in no way affect your statutory rights. A full set of Solar Technology International Ltd terms and conditions are available on request.

TECHNICAL SPECIFICATIONS

Nominal System Voltage	12/24VDC (automatic system voltage recognition)
Battery Voltage Range	6-36V
Rated Battery Current	10A/5A/20A depending on model selected
Charge Circuit Voltage Drop	≤0.26V
Self-consumption	≤6mA
Temperature Compensation Coefficient	-30mV/°C/12V(25° ref)
Over Voltage Disconnect Voltage	16V/32V
Charging Limit Voltage	15.5V/31V
Equalize Charging Voltage	14.6V/29.2V
Float Charging Voltage	13.8/27.2V
Operating temperature	-35°C to +55°C
Overall dimensions	135 x 70 x 35mm
Mounting hole size (in case)	3.8mm
Terminals	6mm ²
Net weight	155g
Suitable battery type	Sealed, Flooded and Gel
Solar Panel and battery protection against	Short circuit and reverse polarity, overload, battery removal and lightning strike

Battery connections



RoHS ✓