



SOLAR CHARGE CONTROLLER

Harness the power of the sun! Advanced MPPT technology efficiently transfers the generated solar energy to the battery, ensuring that every single ray of sunshine is fully exploited. The automotive connectors come with Plug & Play and reverse polarity protection.

The solar charge controller, in conjunction with the connected display, provides an intuitive user interface that makes customising the settings and monitoring easy. This way, you always maintain full control and achieve the best possible results.

FEATURES

- Maximum efficiency thanks to MPPT (Maximum Power Point Tracking)*
- Display connectable via CI-BUS*
- Sturdy aluminium housing
- Available with 460 W_p / 250 W_p
- Compatible with all common battery types
- Charges both onboard and starter batteries
- Reverse polarity protection on the automotive connector
- Charge management for trickle charging and recharging
- LCD status display shows charging current, generated energy, power or battery voltage
- External input for battery temperature sensor
- Fanless concept

* Explanation of MPPT technology and CI-BUS system on page 2.

SOLAR CHARGE CONTROLLER

VARIANTS

ITEM	65914	65915
MODEL	WTS-SCC 30	WTS-SCC 15

RIGHT TO REPAIR 

TECHNICAL DATA

BATTERY VOLTAGE	12 V ---	
SOLAR MODULE POWER	460 W _p	250 W _p
SOLAR MODULE MAX. CURRENT	30 A	15 A
STROMVERBRAUCH IM STANDBY-MODUS	7 mA	
DIMENSIONS (L X W X H)	154 mm x 104 mm x 46 mm	
WEIGHT	566 g	
OPERATING TEMPERATURE	-20 °C – +85 °C	
BATTERY COMPATIBILITY	Lead-acid, GEL, AGM, LiFePO4 batteries	
PROTECTION CLASS	IP20	



THE POWER EFFICIENCY or electrical efficiency of the MPP solar controller is > 97 %.

SOLAR PANEL	Input voltage 20 V – 50 V ---
STARTER BATTERY	Max. charging current 1 A at 12 V ---

MPP TECHNOLOGY

Maximum Power Point Tracking (MPPT) is a technology to determine and optimise the electrical load of a solar module.

A microprocessor uses the module's MPP and, in extremely short intervals, calculates the maximum power output of the solar system.

The processor converts the voltage surplus into a higher charging current corresponding to the connected battery type.

The gain in charging current results in shorter charging times and maximises the performance utilisation of the solar system.

CI-BUS- SYSTEM

The CI-BUS system is the industry standard for safely, centrally controlling and displaying components in motorhomes.

Modern CI-BUS onboard management systems centrally control devices and functions throughout the onboard network, such as lighting, charge/fill level indicators, or air conditioning.

Wentronic Solutions GmbH is a member of the CIVD and an official CI-BUS partner.

