



STECA PR1010 Product Manual

Pulse width modulated (PWM) charge controller turn on and off very rapidly, holding the batteries at full charge, making better use of available power

This high class state of the art product upgrades the Steca Solarix series by a customer designed LCD which shows the accurate state of charge (SOC) in percent and as battery gauge symbol

The heart of the controller is the integrated circuit called ATONIC®II, which contains the improved regulation software based on a self learning algorithm

Model	PR1010
System Voltage	12 / 24 volts
Max Output	10 amps
Dimensions	187 x 96 x 44 mm
Weight	0.35 kg

DESIGN FEATURES

PWM Pulse Width Modulated State of charge (SOC) battery regulation Built in Ah counter Boost charging Equalising charge Float charging Automatic load reconnection Manual load switch Automatic selection of voltage (12V / 24V)
Temperature compensation
Field adjustable parameters by two buttons
Lighting control options during nighttime





STECA PR1515 Product Manual

Pulse width modulated (PWM) charge controller turn on and off very rapidly, holding the batteries at full charge, making better use of available power

This high class state of the art product upgrades the Steca Solarix series by a customer designed LCD which shows the accurate state of charge (SOC) in percent and as battery gauge symbol

The heart of the controller is the integrated circuit called ATONIC®II, which contains the improved regulation software based on a self learning algorithm

Model	PR1515
System Voltage	12 / 24 volts
Max Output	15 amps
Dimensions	187 x 96 x 44 mm

Weight 0.35 kg

DESIGN FEATURES

PWM Pulse Width Modulated shunt battery charging State of charge (SOC) battery regulation Built in Ah counter Boost charging Equalising charge Float charging Automatic load reconnection Manual load switch Automatic selection of voltage (12V / 24V) Temperature compensation Field adjustable parameters by two buttons Lighting control options during nighttime





STECA PR2020 Product Manual

Pulse width modulated (PWM) charge controller turn on and off very rapidly, holding the batteries at full charge, making better use of available power

This high class state of the art product upgrades the Steca Solarix series by a customer designed LCD which shows the accurate state of

charge (SOC) in percent and as battery gauge symbol

The heart of the controller is the integrated circuit called ATONIC®II, which contains the improved regulation software based on a self learning algorithm

Model	PR2020
System Voltage	12 / 24 volts
Max Output	20 amps
Dimensions	187 x 96 x 44 mm
Weight	0.35 kg

DESIGN FEATURES

PWM Pulse Width Modulated shunt battery charging State of charge (SOC) battery regulation Built in Ah counter Boost charging Equalising charge Float charging Automatic load reconnection Manual load switch Automatic selection of voltage (12V / 24V) Temperature compensation Field adjustable parameters by two buttons Lighting control options during nighttime





The 6 Amp Solsum is one of the most popular Charge Controllers available for small solar systems

The Solsum 6.6C charge controller is highly featured with automatic voltage regulation and battery gassing functions temperature compensation, reverse polarity protection and a multi-color LED that indicates the battery voltage

The controller uses Pulse Width Modulation (PWM) for optimum battery charging and in short... provides reliable protection for both 12v and 24v systems

FEATURES

Suitable for solar panels up to 60 Watts at 12 Volts, or 30 Watts at 24 Volts with auto switching Automatic selection of voltage (12 V / 24 V)
Pulse Width Modulation (PWM) shunt battery charging
Temperature compensation and Gassing regulation
Fused Fault Protection
Automatic load reconnection
Built-in status LED indicates battery voltage
Positive grounding, or negative grounding on one terminal
Reduces system maintenance

Specifications

Model Number: Solsum 6.6C System Voltage: 12v / (24v)

Maximum Module Input, short circuit current: 6 amps

Maximum Load, output current: 6 amps Low Voltage Disconnect (LVD): Yes Maximum Self Consumption: 4mA

End of Charge Voltage (float): 13.7 V / (27.4 V) Boost Charge Voltage: 14.4 V / (28.8 V) Reconnection Setpoint (LVR): 12.6 V / (25.2 V) Deep Discharge Protection (LVD): 11.1 V / (22.2 V) Ambient Temperature Allowed: -25 °C...+50 °C Terminal Size (fine / single wire): 2.5 mm² / 4 mm²

Weight: 165g





The Solsum F Series continues the huge success of one of the most used SHS controllers

With a power range of up to 10 A at automatically recognized 12 V or 24 V it fits to a system sizes of maximum 240 W $\,$

The circuit board is completely electronically protected and with the LED user interface it is easy to check the battery state of charge at any time

Large terminals guarantee a simple connection of solar panels, battery and load

The Steca Solsum F works on PWM as a low loss series controller

Product Manual

Solsum 8.8F Specifications

FEATURES

Series controller

Voltage regulation Automatic selection of voltage (12 V / 24 V) Pulse Width Modulation (PWM) control Multistage charging technology Current compensated load disconnection Automatic load reconnection Temperature compensation Monthly maintenance charge

Specifications

Model Number: Solsum 8.8F System Voltage: 12v (24v)

Maximum Module Input, short circuit current: 8 amps

Maximum Load, output current: 8 amps Dimensions L x W x H: 145 x 100 x 30 mm





STECA Solarix MPPT Product Manual

The new Steca charge controller Solarix MPPT is a maximum power point tracker to optimally charge batteries

It is specially designed to connect PV-modules which are used in grid-connected systems

It is a simple and reliable device providing maximum flexibility in module configuration

It is also possible to use thin film modules with this device

The latest technology guarantees professional battery care combined with modern design and outstanding protection features

Model	Solarix MPPT 2010
System Voltage	12 / 24 volts
Max Input	20 amps
Max Output	10 amps
Dimensions	190 x 150 x 70 mm
Weight	0.9 kg

DESIGN FEATURES

Maximum power point tracker (MPP controller)
Voltage and current regulation
Serial PWM control
Current compensated load disconnection
Automatic load reconnection
Temperature compensation
Night light function with Steca PA RC100