

*Steca Solarix MPPT Charge Controller

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 gridconnected 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.



Solar Charge Controller Steca Solarix MPPT 2010

*Steca Solsum F Solar Charge Controller

The Steca Solsum F-Line 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.



Solar Charge Controller Steca Solsum 6.6F

Solar Charge Controller Steca Solsum 8.8F

Solar Charge Controller Steca Solsum 10.10F

*Steca Solarix PRS Solar Charge Controllers

The simplicity and high performance of the new Steca Solarix PRS solar charge controller make it particularly attractive. Here, Stecas latest algorithms are employed in order to guarantee optimal battery maintenance. The Solarix PRS charge controllers are equipped with an electronic fuse, thus ensuring the optimal protection. They operate on the serial principle, and separate the solar module from the battery in order to protect it against overcharging. The Solarix PRS charge controllers are universal charge controllers: they can be used with lead-acid batteries or gel batteries without the need for complex configuration settings. For larger projects, the charge controllers can also be equipped with special functions: night light function, selectable charging plateau and deep discharge protection voltages.



Solar Charge Controller Steca Solarix PRS 1010

Solar Charge Controller Steca Solarix PRS 1515

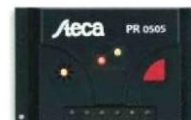
Solar Charge Controller Steca Solarix PRS 2020

Solar Charge Controller Steca Solarix PRS 3030

*Steca PR 0303/0505 Solar Charge Controllers

Solar Charge Controller Steca PR 0303

Modified PWM charging series regulator with electronic fuse and manual load switch. The LED display shows the charging by a solar module, the state of charge of the battery in three colors. Big terminals ensure an easy installation.



Solar Charge Controller Steca PR 0505

*Steca PR 1010/1515/2020/3030 Solar Charge Controller

High performance microcontrolled charge controller. Apart from the base functions deep discharge and overvoltage protection, this charge controller range offers a multitude of comfortable additional functions as e.g. LC-display, temperature compensation, exact state of charge (SOC) display (PR Series only), compensation of voltage drop between battery and charge controller, hard and software fuse, automatic voltage adjustment (12/24V), and many more.

Solar Charge Controller Steca PR 1010

Solar Charge Controller Steca PR 1515

Solar Charge Controller Steca PR 2020

Solar Charge Controller Steca PR 3030



*Steca PR 2020-IP Solar Charge Controller

The PR 2020-IP design is based on Stecas PR charge controller series with 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. The PR 2020-IP controller operates in harsh environments like salt, moisture and dust.

Solar Charge Controller Steca PR 2020-IP 65



*Steca Solarix 2401/4401 Solar Charge Controllers

The Steca Solarix 2401 and 4401 controllers complete the product range of the PR and PRS 30 Amps controller to 40 Amps solar current, available in 12, 24 and 48 V. The load current is limited to 10 Amps. The charging procedures are based on voltage levels which can be individually adjusted by four buttons behind the front cover.

Solar Charge Controller Steca Solarix 240
 Solar Charge Controller Steca Solarix 4401



*Steca PR 0606/1010N Solar Charge Controllers

Solar charge controller with time controlled night light function contains all basic functions of a comfortable charge controller as deep discharge and over load protection, LED, etc. and additionally integrated programmable timer function for the time controlled switching of loads (e.g. lamps).

Solar Charge Controller Steca PR 0606N
 Solar Charge Controller Steca PR 1010N



*Steca Tarom Solar Charge Controllers

Solar Charge Controller Steca Tarom 235 Solar Charge Controller Steca Tarom 245

The presently leading charge controller product range referring to equipment and performance. Apart from the basic functions of an ordinary solar charge controller (deep discharge and over load protection), this product range offers countless possibilities related to programmability, data processing, system configuration, unit-by-unit expansibility and performance. In addition to a lot of characteristics, a two lined LC-display, integrated data logger, PC connection, programmable operating points, exact state of charge (SOC) display, Ah counter and a lot more can be mentioned.

Solar Charge Controller Steca Tarom 440



***Steca Power Tarom Solar Charge Controllers**

The presently leading charge controller product range referring to equipment and performance. Apart from the basic functions of an ordinary solar charge controller (deep discharge and over load protection), this product range offers countless possibilities related to programmability, data processing, system configuration, unit-by-unit expansibility and performance. In addition to a lot of characteristics, a two lined LC-display, integrated data logger, PC connection, programmable operating points, exact state of charge (SOC) display, Ah counter and a lot more can be mentioned. All technical data and features as with the above mentioned Tarom product group, but for considerably higher capacities IP 65 protection (splash water protection) for the outdoor assembly.

Solar Charge Controller Steca Power Tarom 2070
Solar Charge Controller Steca Power Tarom 2140
Solar Charge Controller Steca Power Tarom 4055
Solar Charge Controller Steca Power Tarom 4110
Solar Charge Controller Steca Power Tarom 4140



***Steca PL 2085 Solar Charging Station**

The PL 2085 is a solar charging station which charges up to 8 lead acid batteries simultaneously. The microprocessor controlled charging station recognizes the connection sequence of the batteries. The battery which is connected first is charged first and as soon as the first battery is full, it switches over to the second battery etc. Each battery terminal of maximum 5 Amps is a separate DC / DC converter with maximum power point tracking (MPP) of the solar generator. Up to two battery terminals can be connected in parallel on the same battery. These terminals are protected against wrong polarity, short circuit, no load operation and overload. Batteries are charged to predefined IU constant current charging procedures until end of charge voltage is reached. Battery charging starts even from run down batteries at voltages higher than 5V. At night the charging station works in a

Solar Charge Controller Steca PL 2085



*** OutBack power systems**

Solar Charge Controller Outback FLEXmax FM 60
Solar Charge Controller Outback FLEXmax FM 80

