



ES-EXPERT 10A, 20A 12/24V Solar Charge Controller

The ES-EXPERT product range is equipped with an industrial use microprocessor EEM 8 for charge and discharge controlling and provides a reliable charge management of the battery. The charging circuit is characterized by high efficiency and low losses. It is PWM type and includes the MOSFET technology with extremely low power consumption

► Features

- > LCD display
- > PWM mode
- > Four stage charge (EQU, Bulk, ABS, Float).
- > USB Port (2 X 5V, 1A).
- > Overload, high voltage, low voltage and short circuit protection
- > Night operation mode
- > Temperature depending self charge adjustment
- > Passive cooling

► Applications

- > Off Grid Photovoltaic Systems
- > Solar Street Lights
- > Boats, Vehicles
- > Camping
- > Caravans

► Technical Characteristics

Type	CC1024	CC2024
Rated System Voltage	12 V / 24 V	12 V / 24 V
PV Max Voltage	40 V	40 V
Max Charging Current	10 A	20 A
Max Discharging Current	10 A	20 A
Rated Output Voltage	12 V / 24 V	12 V / 24 V
Max Output Power	120 W / 240 W	240 W / 480 W
Charging Type	3-stage PWM	3-stage PWM
Compatible Batteries	lead-acid	lead-acid
USB Port	5 V / 1 A	5 V / 1 A
Temperature Compensation	YES	YES
Dimensions	150 * 85 * 35 mm	150 * 85 * 35 mm
Weight	230g	230g

* Specifications could be subject to change without any prior notice.

* ECO//SUN is not responsible for any print errors

*This version replaces all previous ones

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