



ES-SIMPLE 30A 12/24V Solar Charge Controller

ES-SIMPLE series are specially designed for small photovoltaic systems for street lighting, camping, caravan, boats, etc .. They have a system control microprocessor, that provides all the load regulating functions and fully covers the most demanding applications . They are made with excellent quality and high-tech materials.

► Features

- > Intelligent control by using microprocessor and dedicated control calculation
- > 12 / 24V auto setting.
- > High efficiency PWM series charging with temperature compensation.
- > Use of MOSFET as electronic switch, no mechanical switch. Detects day and night using the PV array.
- > Battery and load status indication.
- > Electronic Protections: overcharge, overdischarge, overload and short-circuit.

► Applications

- > Ideal for standalone solar light, controled with timer and night mode.
- > Street solar lighting system.
- > Garden solar lighting system.
- > Solar electronic billboards.
- > Ideal for stand-alone solar systems up to 120W for 12V systems or up to 270W for 24V systems.

► Technical Characteristics

Type	CC3024
Rated System Voltage	12 V / 24 V auto setting
Equalizing Charge Voltage	14.8 V / 29.6 V
Float Charge Voltage	14.5 V / 29.0 V
Boost Charge Voltage	13.7 V / 27.4 V
Low Voltage Disconnect	10.8 V / 21.6 V
Low Voltage Reconnect	13.0 V / 26.0 V
Max Charging Current	30 A
Max Load Current	30 A
Operating Temperature	-40 °C to 60 °C
Weight	200 g
Dimentions	136 * 92 * 31 mm
Protection	IP56

* 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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