

USB output



## LandStar EU series PWM solar charge controller

5A,10A,20A,30A 12V/24V

LS-EU series is reliable, stable, and economical solar charge controller, easy for operation.

USB output can charge mobile phone, DC fans, and other DC electronic device.

### Application



### Features:

- With USB port
- PWM charging
- Use MOSFET as electronic switch
- Intuitive LED indicators showing battery voltage status
- Battery type selection: Gel, Sealed, and Flooded
- Manual control the output of the load
- Temperature compensation
- Industrial grade design

Model	LS0512EU	LS1012EU	LS1024EU	LS2024EU	LS3024EU
Rated battery current	5A	10A	10A	20A	30A
Rated load current	5A	10A	10A	20A	30A
Nominal system voltage	12V	12V	12/24V auto work	12/24V auto work	12/24V auto work
Battery input voltage range	8~16V	8~16V	8~32V	8~32V	8~32V
Self-consumption	12V≤5mA; 24V≤7mA				
Grounding	Common positive				
Temp. compensation	-5mV/°C/2V				
USB output	5VDC/1.2A				5VDC/2A
Overall dimension (mm)	109.7x65.5x20.8	120.3x67x21.8	120.3x67x21.8	148x85.6x34.8	148x106.8x43.7
Net weight	95g	103g	102g	179.6g	290g
Enclosure	IP20				
Working temperature	-35°C ~ +55°C				