

Technical specifications :

| Model | LS0512EU | LS1012EU | LS1024EU | LS2024EU | LS3024EU |
|--------------------------------|---|----------------------------|----------------------------|----------------------------|-------------------------|
| Nominal system voltage | 12V | | 12/24V auto | | |
| Rated charge current | 5A | 10A | 10A | 20A | 30A |
| Rated discharge current | 5A | 10A | 10A | 20A | 30A |
| Battery input voltage range | 8~16V | | 8~32V | | |
| Max. PV open circuit voltage | 30V | | 50V | | |
| Equalize charging voltage | Gel: ----, Sealed: 14.6V, Flooded: 14.8V | | | | |
| Boost charging voltage | Gel: 14.2V, Sealed: 14.4V, Flooded: 14.6V | | | | |
| Float charging voltage | Gel / Sealed / Flooded:13.8V | | | | |
| Low voltage reconnect voltage | Gel / Sealed / Flooded:12.6V | | | | |
| Low voltage disconnect voltage | Gel / Sealed / Flooded:11.1V | | | | |
| USB output port | 5VDC/1.2A | | | | 5VDC/2A |
| Charge circuit voltage drop | ≤0.13V | | | | |
| Discharge circuit voltage drop | ≤0.17V | | | | |
| Self-consumption | ≤5mA(12V); ≤7mA (24V) | | | | |
| Temp. compensation | -5mV/°C/2V | | | | |
| Enclosure | IP20 | | | | |
| Grounding | Common Positive | | | | |
| Overall dimension(mm) | 109.7x65.5x20.8 | 120.3x67x21.8 | 120.3x67x21.8 | 148x85.6x34.8 | 148x106.8x43.7 |
| Mounting dimension | 100.9mm | 111.5mm | 111.5mm | 138mm | 138mm |
| Mounting hole size | Φ4.5 | Φ4.5 | Φ4.5 | Φ4.5 | Φ4.5 |
| Terminals | 14AWG /2.5mm ² | 12AWG /4mm ² | 12AWG /4mm ² | 10AWG /6mm ² | 8AWG /10mm ² |
| Net weight | 0.09kg | 0.10kg | 0.10kg | 0.18kg | 0.29kg |
| Working temperature | -35°C ~ +55°C | | | | |
| Humidity | ≤95% N.C. | | | | |

* Technical data for 12V system at 25°C, twice in 24V system.



BEIJING EPSOLAR TECHNOLOGY CO.,LTD.

Add: BLDG #18, CO.PARK ,NO.8 HEYING ROAD,CHANGPING DISTRICT, BEIJING, CHINA

Tel: 86-10-82894962 / 82894112

Fax: 86-10-82894882

E-mail: info@epsolarpv.com