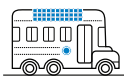


Overview

LS-B series is a common positive PWM charge controller. Thanks to the RS485 interface. The parameters can be configured via com. Port, APP, and PC software. It is widely applied to solar home systems, and surveillance system, etc.

Features

- Series PWM charging mode
- Multiple load control modes
- Full load operation within the working temperature range
- Extensive electronic protection
- Variety optional accessories
- Standard Modbus communication protocol with RS485 interface



Solar Car



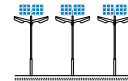
Solar Home



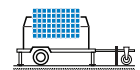
Solar Backpack



Solar Boat



Solar Street Light



Solar Power Generator

Technical Specifications

Model	LS1024B	LS2024B	LS3024B
Nominal system voltage	12/24VDC/Auto		
Battery type	Sealed(Default)/Gel/Flooded/User		
Battery input voltage range	8~32V		
Rated charge current	10A	20A	30A
Rated discharge current	10A	20A	30A
Max. PV open circuit voltage	50V		
Equalization voltage	Sealed:14.6V,Flooded:14.8V,User-dened:9-17Vfi		
Boost voltage	Gel:14.2V,Sealed:14.4V,Flooded:14.6V,User-dened:9-17Vfi		
Float voltage	Gel/Sealed/Flooded:13.8V,User-dened:9-17Vfi		
Low voltage reconnect voltage	Gel/Sealed/Flooded:12.6V,User-dened:9-17Vfi		
Low voltage disconnect voltage	Gel/Sealed/Flooded:11.1V,User-dened:9-17Vfi		
Self-consumption	≤8.4mA/12V;≤7.8mA/24V		
Temperature compensation	-3mV/°C/2V (default)		
Relative humidity	≤95% (N.C.)		
Enclosure	IP30		
Communication interface	RS485(RJ45)		
Grounding	Common Positive		
Operating temperature range	-35°C ~ 50°C		
Dimensions(LxWxH)(mm)	138.6×69.3×37	159.6×81.4×47.8	200.6×101.3×57
Net Weight	0.13kg	0.30kg	0.50kg