

# Charging regulator

## LS1024EU 10A

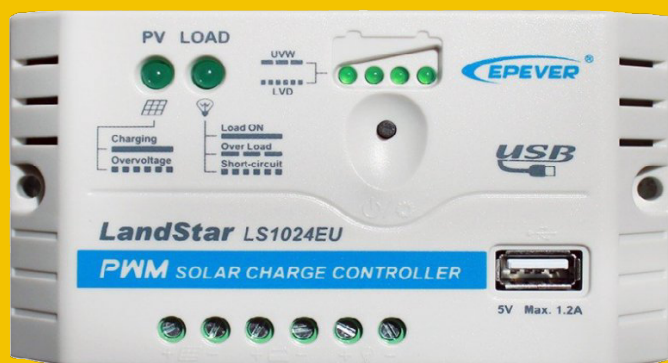
Product code: R0009

10A

Rated current

PWM

Type



### FUNCTIONS

- Easy and quick change of battery type selection with the push of a button
- USB output for charging mobile devices (smartphone, tablet, etc.).
- Automatic adaption of the charge controller to the system voltage (12V or 24V).
- Bright and clear charge status display and four battery charge levels.
- Electronic protection against overvoltage, short circuits, reverse polarity, overloads

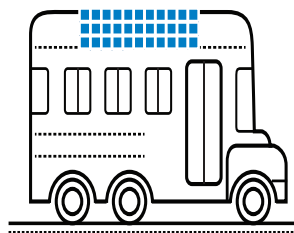
4sun®

### TECHNICAL DATA

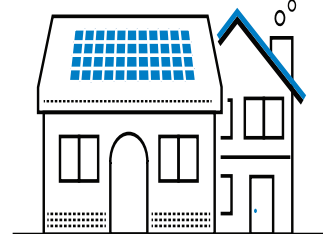
INDEX	R0009
MODEL	LS1024EU 10A
Nominal system voltage	12/24VDC Auto
Battery type	Sealed/Gel/Flooded
Working voltage [V]	8~32
Rated charging current [A]	10
Rated discharge current [A]	10
Maximum PV circuit voltage [V]	50
Charging voltage [V]	14,6
Low-voltage cut-off voltage [V]	11,1
Connection voltage [V]	12,6
Own consumption	12V≤5mA; 24V≤7mA
Efficiency	≤95%,(N.C.)
Protection	IP20
Warranty	2 years
Equalisation voltage [V]	Sealed: 14,6
Dimensions (L x W x H) [mm]	120,3×67×21.8
Weight (g)	100
Temperature range	-35°C~+55°C

### APPLICATION

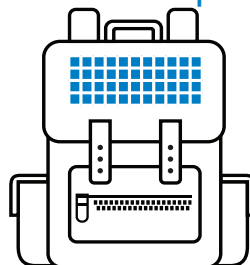
#### Solar Car



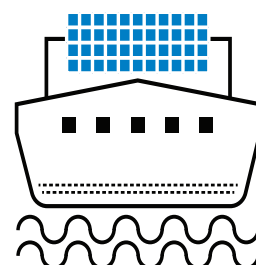
#### Solar Home



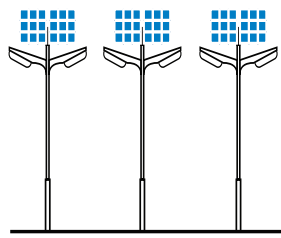
#### Solar Backpack



#### Solar Boat



#### Solar Street Light



#### Solar Power Generator

