

Charging regulator

PWM YJSS10 10A

Product code: R0244

10A
Rated current

PWM
Type



FUNCTIONS

- The controller uses a PWM method that modulates the voltage from 0 to 100%, allowing the batteries to be charged quickly and stably regardless of the weather and the state of the solar system.
- The regulator is equipped with two USB connectors to charge electronic devices such as phones and tablets.
- The unit is protected against overheating, making it more reliable and safe to use.
- The controller provides overload protection on the consumer side to prevent damage.
- The controller protects the system against a short circuit on the photovoltaic panel side.

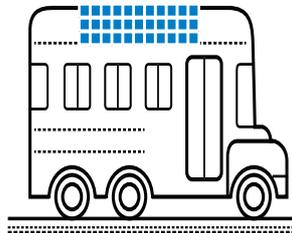
4sun®

TECHNICAL DATA

INDEX	R0244
MODEL	PWM YJSS10 10A
Working voltage	12/24 VDC
Discharge protection	11,1V/22,2V
Load restoration point	12,5V/25V
Maximum PV circuit voltage	40V
Maximum charging current (from panels)	10A
Maximum load current	10A
Charge voltage	14,5V
Own consumption	<6mA
Standby current	<10mA
Temperature compensation	-30,0mV/1°C/2V
Waterproof class	IP30
Warranty	2 years
Dimensions (L x W x H) [mm]	97x66x25
Weight	132g
Temperature range	-35°C~+60°C
Connections	2x USB (1,2A)
USB output	5V/2A Max

APPLICATION

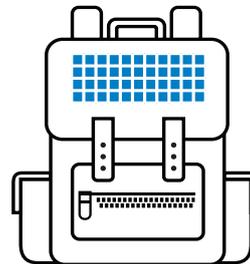
Campervans



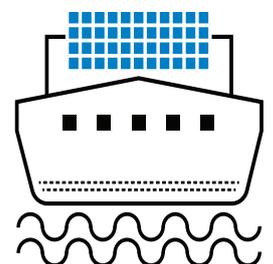
Micro-installations



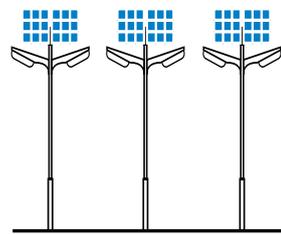
Mobile installations



Boats



Solar lamps



Solar installation

