



EPSOLAR innovation keeps you

One Step Ahead



EPIP20-DB

SOLAR CONTROLLER WITH TWO BATTERY CHARGING

EPSOLAR's duo-battery charging solar controller, For RVs, Caravans, and boats.

Major feature of duo-battery controller:

Two battery charging eliminates the added cost of two separate solar charging systems

With battery type selection

With charging priority setting

Temperature compensation (option: Remote temperature sensor & Local temperature sensor)

With Remote meter(option)

Protection against over charging, short-circuit, reverse polarity, revert current to PV.

PWM charging, different frequency option.

RATINGS (12V or 12/24V auto work)

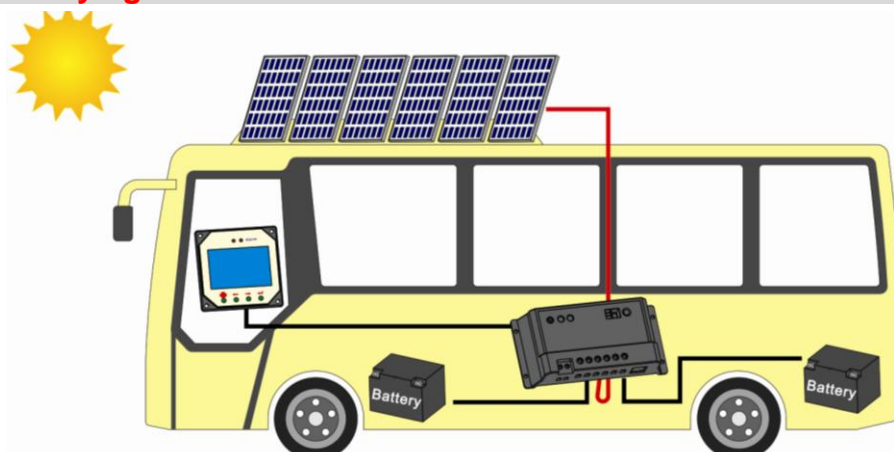
EPIP20-2B, 12V or 12/24V auto-work, 10Amp

EPIP20-2B 12V or 12/24V auto-work, 20Amp

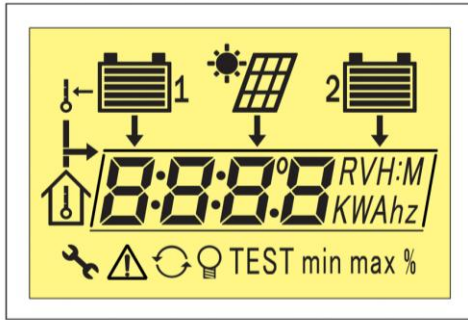
Technical specification:

Setpoint	Sealed battery	Flooded battery	Gel battery
Regulation voltage	14.2V	14.4V	14.6V
Boost voltage	14.4V	14.6V	14.8V
Float voltage	13.7V	13.7V	13.7V
Maximum solar voltage	30V(or 55V)		
Battery voltage range	1-15V		
Boost time	30 minutes		
Self-consumption	4mA at night, 10mA at charging		
Meterbus connection	8-pin RJ-45		
Temp. compensation	-30mV/12V		
Terminals	4mm ²		
Temperature	-35°C to +55°C		

System assembling:

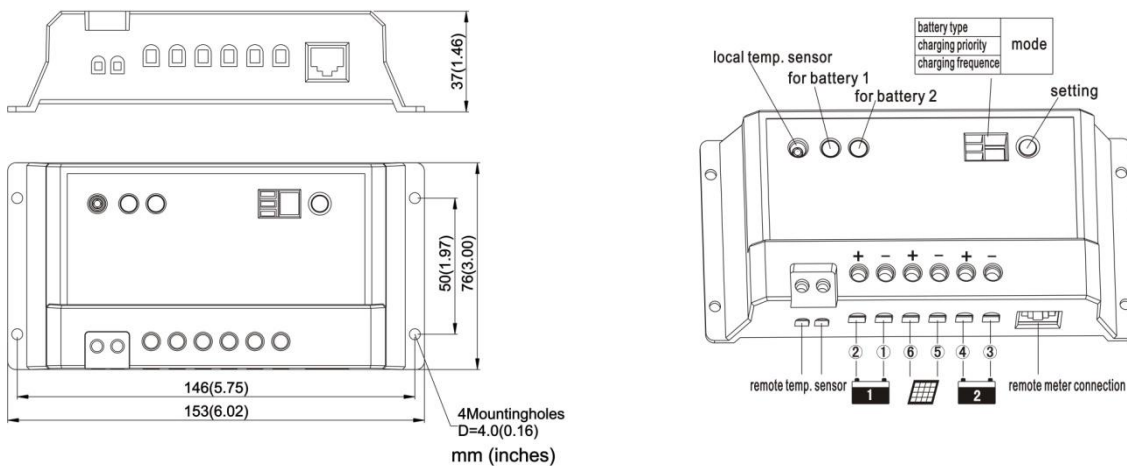


Icon Definitions



1. Solar icon: indicate that displayed information relates to the solar input.
2. Remote temp. sensor icon: indicate that displayed information relates to the temperature detects by it.
3. Local temp. sensor icon: indicate that displayed information relates to the temperature detects by it.
4. Setting icon: indicate that its on setting condition.
5. Error indicator: indicate that the controller is with an error.
6. Circle indicator: indicate that the data displayed will be repeating in sequence.
7. Backlight timer indicator: indicate that backlight can be set.
8. **TEST** Test indicator: indicate that self-diagnostics is in progress
9. Unit indicator: indicate numerical information such as voltage, current, temperature values.

Mechanical drawing:



WARRANTY: Three years warranty period. Contact EPSOLAR or your authorized distributor for complete term



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