



EPIPDB-COM

Duo-battery charging solar controller For RVs, Caravans, and boats

EPIPDB-COM is two battery solar controllers with optional remote meter.

Features

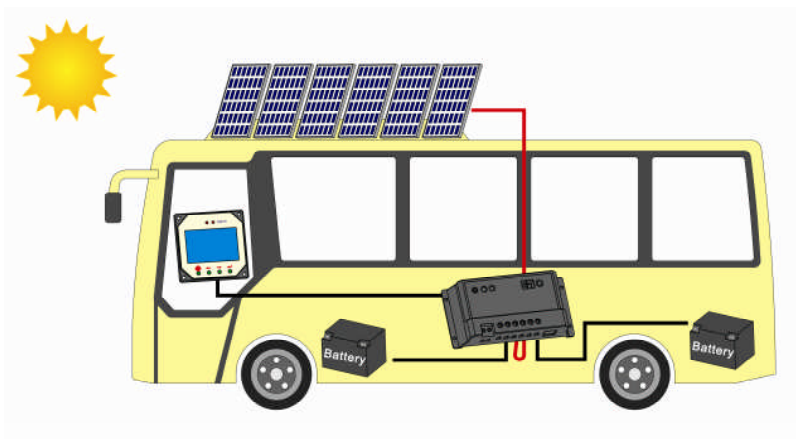
- Microcontroller digital accuracy
- PWM Charge mode
- State of charge (SOC)
- Temperature compensation
- Automatic detection of the voltage
- External temperature sensor
- Remote temperature sensor (option)
- Remote meter MT-1(option) shows the working data and condition
- Battery type option
- Battery AH setting
- Charging priority setting
- Modify parameters through four keys

Electronic protection

- Short circuit protection
- Reverse polarity protection
- Reverse current protection at night
- Over charging or discharging protection
- Over load protection

Display

LCD display: all systems parameters in digital value, system status as symbols



Technical specification

EPIPDB-COM series: 12/24 VOLT auto work, 10AMPS (for PV and load)

12/24 VOLT auto work, 20 AMPS (for PV and load)

Setpoint	Sealed battery	Flooded battery	Gel battery
Boost voltage	14.2V	14.4V	14.6V
Equalization 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		

Note: all the data is for 12V, for 24V, please use 2x.