

Dual battery series



EPIPDB-COM

Dual battery solar controller

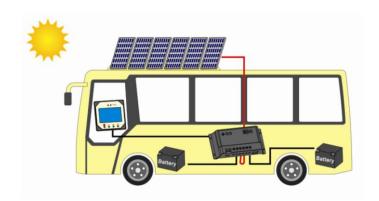
Rated Current: 10A, 20A

System Voltage: 12/24V Auto Work

EPIPDB-COM series can charge two battery

banks. No load terminals

- Two battery charging eliminates the extra cost of two separate solar charging system
- Intelligent System Optimum Control
- 12/24V auto work
- •Battery type selection
- •Charging frequency optional
- •High efficient Series PWM charging
- Local external temperature compensation
- •Remote temperature sensor optional
- •Use MOSFET as electronic switch, without any mechanical switch
- Remote meter MT-l optional
- Load and battery status indicators
- •Electronic protection: over charging, short circuit, battery reverse polarity protection





Application:

★RVs, Caravans, bus, boats etc.





Model selection:

EPIPDB-COM 10A, 12/24V AUTO

Ideal for off-grid solar system up to 120W, 12V or 270W,24V

EPIPDB-COM 20A, 12/24V AUTO

Ideal for off-grid solar system up to 270W, 12V or 550W,24V

Our Advantage:

- ★sophisticated R&D has over 20 years research experience's and works in close collaboration with Beihang University.
- ★ Professional technical and service team
- ★ Using world top class electronic components; all the components are industrial grade
- ★ High quality products with reasonable price; the failure rate is less than 2 per1000 pcs
- ★ Practical application in more than 120 countries
- ★ Expected 10 years lifetime
- ★ 2 years warranty





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System voltage 12 / 24VDC Auto work

10A,20A Nominal battery current

Charge circuit voltage drop ≤0.26V

Discharge circuit voltage drop ≤0.15V

Self consumption ≤6mA

Battery voltage parameters (temperature at 25°C)

Battery charging setting Sealed Flooded Gel

Equalize charging voltage 14.4 V;x2/24V 14.6V;x2/24V 14.8V;x2/24V

Boost charging voltage 14.2V;x2/24V 14.4V;x2/24V 14.6V;x2/24V

Float charging voltage 13.7V;x2/24V 13.7V;x2/24V 13.7V;x2/24V

Max. solar voltage 30V (12V system) ,55V(24V system)

Battery voltage range 8-15V(12V system),8-30V(24V system)

Self-consumption 4mA at night, 10mA at charging

Meterbus connection 8-pin RJ-45

-30mv/℃/12V Temp. compensation

Environmental parameters

Working

-35°C to +55°C temperature

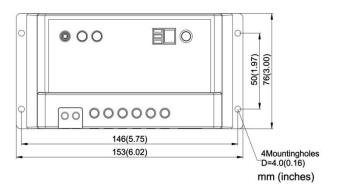
Humidity 10%-90% NC

Enclosure IP30 4mm^2

Terminal

Net weight 0.15KG





Mechanical Dimension EPIPDB-COM

