



# DB-12 RV distribution box



## FEATURE

- Supports 12V battery systems, Total current 120A
- With battery overvoltage, over-discharge, load overcurrent protection, and High-temperature protection functions.
- Supports various battery types including sealed, gel, open, lithium-ion, and customizable options.
- The battery's overvoltage and over-discharge voltage can be set.
- Built-in Bluetooth communication, enabling real-time monitoring, parameter settings, and load switching operations through a mobile APP.
- Supports RS485, CAN (RV-C protocol) communication.
- Supports 12 DC load outputs, each output is equipped with a plug-in fuse.

## ABOUT SRNE

- SRNE 15 years in PV industry, committed to independent R&D and production.
- Holds over 200 patents in energy storage, with unique industry-leading technologies.
- Chooses top-quality international components to deliver high-value products to customers.
- Upholds values of customer priority, proactivity, responsibility, and innovative breakthroughs.

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## MAIN

MODEL	DB-12
Power consumption	≤40mA
Communication function	Bluetooth、RS485、CAN(RV-C)
System voltage	12V
INPUT maximum input current	120A
Input voltage range	9~16 V
Ambient temperature	-35°C~+65°C
Cooling method	Natural cooling
Product weight	1.1Kg
Product size	263.6*119.8*48.6mm
Product function	Battery overdischarge protection; battery overvoltage protection; load overcurrent protection ; High-temperature protection.

## FUNCTION

DB12 is a multi-way DC load switch control box designed specifically for RVs. When paired with the RM12 touch control panel or mobile, it can achieve the switching of 12 DC loads and 1 inverter remote switch in RVs.

DB12 DC distribution box has 3 load output interfaces of 30A, 3 of 20A, and 6 of 10A, which is used to control the power supply of RV DC loads, such as refrigerators, water pumps, TVs, lights, etc

## CONNECTION SKETCH

