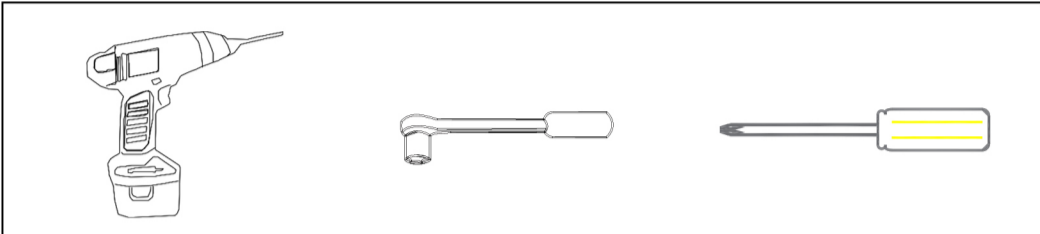


Magi-C 12V Series Installation and User Manual

Installation Environment

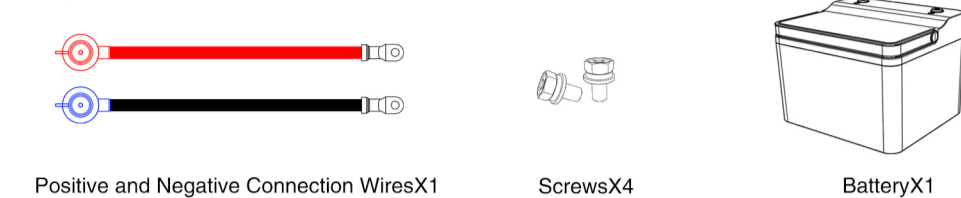


Installation Tools

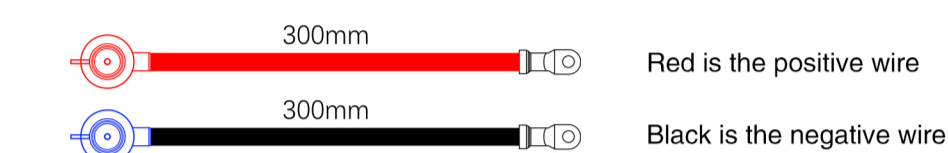


1. Check

1-1 Accessories Introduction

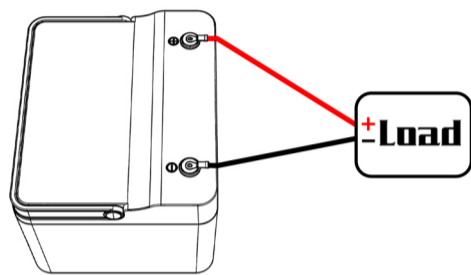


1-2 Wire Harness Introduction



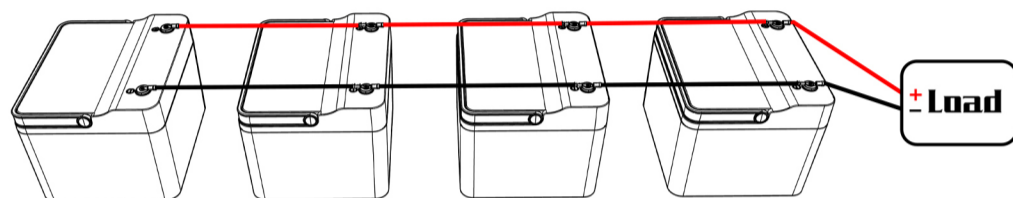
2. Installation Instructions

2-1 Standalone Use



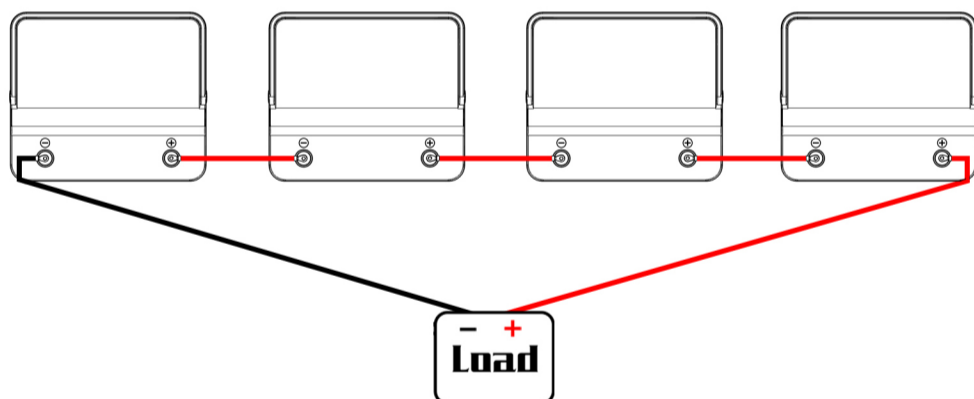
Connect one end of the positive and negative wire harness to the positive and negative poles of the battery respectively. Use the matching M8*12 triple combination screw to fix it, and then connect the other end of the wire harness to the positive or negative pole of the load respectively (do not reverse the connection, which may cause safety hazards or damage to the battery and equipment).

2-2 Parallel Use



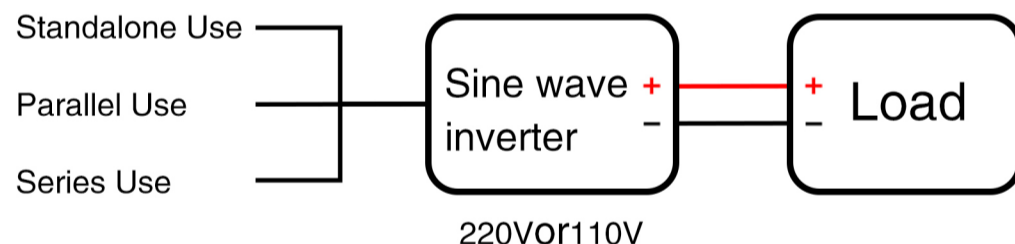
This product supports up to 4 batteries in parallel. Before using the product in parallel, the batteries to be connected in parallel must be fully charged (the charger turns green), and the screws matching the product must be connected according to the figure above for parallel use (positive pole to positive pole; negative pole to negative pole) and insulation of the terminal at the connection must be done.

2-3 Series Use



This product supports up to 4 batteries in series. Before using the product in series, the batteries to be connected in series must be fully charged (the charger turns green), and the screws matching the product must be connected according to the figure above for series use (positive pole to negative pole) and insulation of the terminal at the connection must be done.

2-4 AC Output



When the battery needs to provide AC power to household appliances and other equipment, it is necessary to confirm whether the rated power of the device matches the rated power of the battery pack (the overall power of the battery pack can be adjusted by means of series and parallel connection), and then connect the sine wave inverter that meets the rated power. Finally, connect the device to the inverter to obtain AC power.

2-5 Bluetooth Functionality

Magi-C also supports optional Bluetooth communication. The Bluetooth version of Magi-C can connect to the battery backend through a mobile app to obtain all information and data of the battery. For detailed information on the functions, please scan the QR code to learn more.



3. Cautions: Please read this safety operation manual and the label on the side of the battery carefully before use.

- The standard matching wire harness is 2 300mm 6AWG wire harnesses, and the highest continuous overcurrent reaches 100A.
- If the total power of the user's load exceeds the overcurrent capacity of the matching wire harness, a wire harness with a higher specification should be selected to avoid overheating of the wire harness, which may cause safety problems or even fire.
- When charging the battery alone, it is recommended to use the charger recommended by LYBESS.
- When charging the series-connected battery pack, the charger needs to match the upper limit voltage of the series-connected battery pack.
- Pay attention to the insulation protection at both ends of the wire harness during installation and use, and avoid the positive and negative wire harnesses from touching by mistake during installation and use, which may cause a short circuit and safety accidents.
- The wiring order of the battery must be strictly followed in accordance with the usage regulations, otherwise it may cause safety hazards or damage to the battery and equipment.