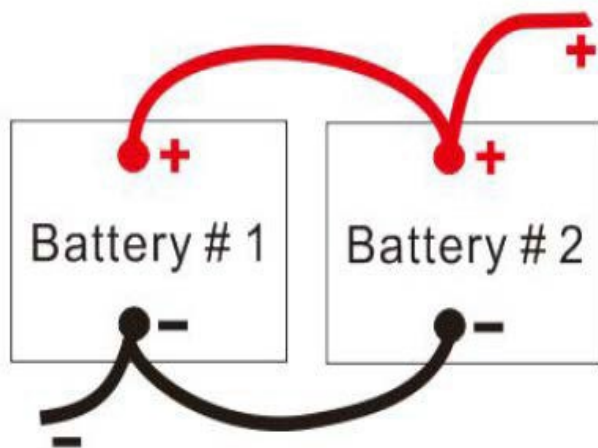


⚠ ATTENTION:

Series and parallel connection:

1. 12V battery supports maximum 4 in series, or 4 in parallel.
2. 24V battery supports maximum 2 in series, or 4 in parallel.
3. When using in series or parallel, **use cables of the same length**. If more than one is connected in parallel, it is best to use busbar.
4. Before connecting series and parallel, each battery should be fully charged in the same way.
5. For batteries used in series and parallel, please fully charge each battery separately before combining them within 12 months of system operation.
6. Please give priority to using the same batch of batteries in series and parallel.
7. If use two batteries in parallel, please connect the positive and negative terminals of the loads to different batteries, refer to the following diagram:



Storage and Maintenance:

1. Battery should be stored in a dry and cool place, away from fire source.
2. Please make sure the battery has about 70-80% power before storage, **do not store empty**.
3. Recharge once in 6 months. Charging method CC/CV:
12.8V Battery: Charge voltage is 13.8-14.6V, 0.2C current until the charging current drops to 0A.
25.6V Battery: Charge voltage is 27.6-29.2V, 0.2C current until the charging current drops to 0A.
4. **If the battery is completely discharged, please charge it within 24h.**
5. The first time the battery is used, it needs to be fully charged first.
6. Do not mix with other batteries of different manufacturers, types and models.
7. Do not use the battery in the environment of high temperature and direct sunlight for a long time



WARNING:

1. Please do not short circuit the battery.
2. Do not reverse the battery connection.
3. Do not open the battery shell without permission.
4. Do not damage the battery case.
5. Please disconnect the load and charge before connecting the battery.
6. Please use a special lithium battery charger.

Trouble-Shooting

Phenomenon	Reason	Solutions
Battery cannot discharge	Battery Sleep	Please charge the battery to activate
	Battery dead	Please charge the battery immediately
	Battery over discharge serious	Please charge the battery immediately, if it cannot be charged, the battery may be damaged, please contact us immediately
	Abnormal temperature	Please check the ambient temperature and keep the battery within the allowable temperature range
	Discharge overcurrent protection	Please disconnect the load or charge and check the load power
	Short circuit protection	Disconnect the load or charge and check the system wiring
	BMS failure	Contact us
Battery cannot charge	Charge cut-off	Battery is full, stop charging
	Charge overcurrent protection	Please disconnect from charging for 30S or discharging and check charging power
	Abnormal temperature	Please check the ambient temperature and place the battery within the allowable temperature range
	Battery over discharge serious	Contact us
	BMS failure	Contact us

