

USER MANUAL

LK SERIES LFP BATTERY





Instructions for use

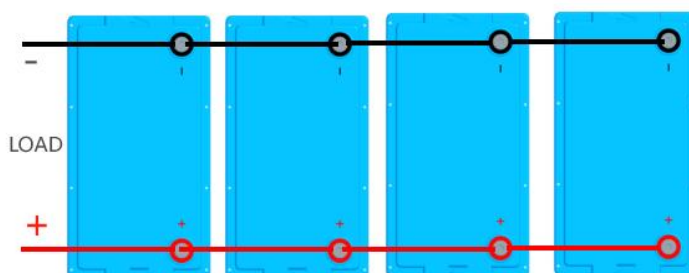
Purchase a certified lithium battery charger to fully charge before use.

- * before using the battery, please carefully read the manual and battery surface identification.
- * in the process of use, should be away from heat sources, high pressure, to avoid children playing with the battery, do not beat the battery.
- * do not short-circuit the positive and negative battery, do not disassemble the battery yourself, and do not let the battery be placed in a damp place to avoid danger.
- * Waste batteries, please handle safely and properly, do not put into fire or water.
- * the battery pack should be used under specified conditions, for more than one year of storage of the battery, performance is not guaranteed.
- * this battery pack has no reverse connection function, pay attention to the difference between positive and negative poles (red is positive and black is negative).
- * the battery must be charged in an environment of 0~45℃ ; If the temperature exceeds this range, the battery life will be affected and there is a risk of bulging.
- * the battery pack must be discharged in an environment of -20~60℃
- * the battery pack should be stored at room temperature, should be charged to 40%-60% of the power, in order to prevent the battery over discharge, it is recommended to charge once every 3 months.

Battery strings in series parallel

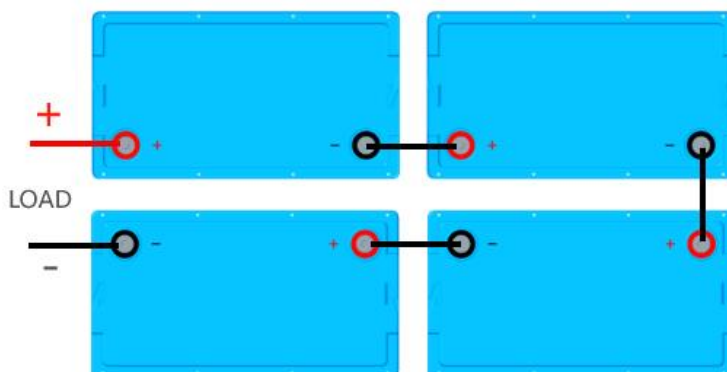
- * When the battery is connected in series, ensure that the pressure difference between the battery is less than 500mV.
- * 12V battery pack supports a maximum of 4 series use, 24V battery pack supports a maximum of 2 series use.
- * When multiple battery packs are connected in parallel, ensure that the maximum pressure difference of each battery pack is less than 500mV before the parallel connection.
- * When multiple battery packs are used in parallel, the total current does not exceed the maximum value of a single management system.
- * the connection conductor used in the series and parallel module should be as thick as possible and good conductivity, the contact surface at the series and parallel should be large, and the contact loosening should not occur.

in-parallel





series connection



Battery parameter

No.	Type	Rated capacity	Nominal voltage	Standard charging current	Maximum charging voltage	Maximum charging current	Maximum discharge current	Energy	Size mm
1	12.8V38Ah	38Ah	12.8V	10A	14.6v	38A	38A	486.4wh	198*166*170
1	12.8V50Ah	50Ah	12.8V	10A	14.6v	50A	50A	640wh	223*132*168
2	12.8V100Ah	100Ah	12.8V	20A	14.6v	100A	100A	1280wh	328*172*220
3	12.8V150Ah	150Ah	12.8V	30A	14.6v	150A	150A	1920wh	328*172*220
4	12.8V200Ah	200Ah	12.8V	40A	14.6v	200A	200A	2560wh	483*170*240
5	12.8V300Ah	300Ah	12.8V	60A	14.6v	300A	300A	3840wh	522*240*218
6	25.6V50Ah	50Ah	25.6V	10A	29.2V	50A	50A	1280wh	330*175*220
7	25.6V100Ah	100Ah	25.6V	20A	29.2V	100A	100A	2560wh	485*170*240
8	25.6V150Ah	150Ah	25.6V	30A	29.2V	150A	150A	3840wh	520*240*220
9	25.6V200Ah	200Ah	25.6V	40A	29.2V	200A	200A	5120wh	520*240*220

Liability disclaimer

Before using this product, please read the technical parameter sheet, instructions and precautions carefully to understand the correct use method and scope of use. Incorrect use, incorrect connection of the circuit, or use of non-conforming power supply or load will be regarded as misuse, and the company shall not be liable for any damage to the product resulting from misuse, incorrect circuit connection or use of non-conforming power supply or load.



Bluetooth Quick Installation Guide

- * Download the Bluetooth APP, use the mobile phone to scan the QR code below to download the APP, support Android, Apple system
- * Open the browser and download the operating system APP as prompted
- * Open the APP to register or log in
- * After successful login, the APP will automatically jump to the (Device list) screen. On this screen, select the corresponding battery string serial number



APP



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