



## 48V Rack Mounted Li-ion Battery TEST REPORT

#### **Work with Victron Inverter**

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This document mainly introduces the matching test between Ritar rack-mounted lithium battery 48V series and Victron Quattro + Color Control GX(CCGX).

# 1. Test Introduction

1.1 Hardware preparation



Ritar Rack mounted Li-ion battery



Victron Quattro Charger/inverter and Color Control GX



PC with windows operating system



Communication cable 1 Quattro inverter to CCGX (Provided By Victron)



Communication cable 2 Battery to CCGX (Provided By Ritar or refer to Annex 1



Communication cable 3 Battery to battery (Provided By Ritar or refer to Annex 2



RS232 to USB -Battery to PC RJ11 to USB

#### 1.2 Software preparation



BMS PC monitor software Download: https://github.com/Ritar-Wei/Ritar-BMS-software-48V/archive/master.zip or http://120.27.63.138:8181/docs/rack\_48v/software





### 1.2. Test wiring topology-Single battery



#### Communication Cable connection







#### 1.3. Test wiring topology-Multi battery



Step6. Charge the batteries fully in first use.