REC Wi-Fi Module

CANBus Cable

Venus GX

RJ45 Network Cable

BMS 1

REC Master

Optional Non-networked Inverter/Charger hard wired interlock

Battery Fuse sized to load

WATERPROOF

System Fuse sized to load

0v   6.6v   BMS Power   13.2v

3.3v

9.9v

500A/50mA

PRE - CHARGE
11-68 V DC, 4 s delay
System+
Battery+
BMS Input +
System-
Contactor +
Contactor -

RJ45 Network Cable

BMS 2

PRE - CHARGE
11-68 V DC, 4 s delay
Contactor -
Contactor +
System-
BMS Input+
Battery+
System+

Battery Fuse sized to load

WATERPROOF

System Fuse sized to load

0v   6.6v   BMS Power   13.2v

3.3v

9.9v

500A/50mA

Project:	Sample only
Drawing:	Dual REC Q Series BMS 12V with Victron
Date:	January 22, 2022
Revision:	1.0.3

Revisions

Rev 1.0.1 Jan 28 Relocate BMS power wire terminal # 17
Rev.. 1.0.2 Jan 31, added Master and RS485 network
Rev 1.0.3 Feb1, added PreCharge Modules

Note: 12V Q Series requires factory modifications