

2025

TOPBMS

Zhuhai Xiwang Electronic Co.,Ltd

INTRODUCTION

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CATALOG

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INTRODUCTION

Our Main Products Are

- Low Voltage BMS 3S-32S(for Ebike /Tricycle/Forklift and solar energy storage)、
- High Voltage 16S-512S for energy storage (CANBUS Communication with 19 brands of HV Inverters)
- High voltage BMS 16S-256S for EV which can be used for Electric vehicle range-extended battery
- High voltage BMS 16S-256S for EV which can commnicate with EVCC CCS1 and CCS2;

These bms are compatible with Lithium-ion battery/ Lifepo4 Battery / lithium-titanate battery/Sodium ion battery ;

Contents

1. High Voltage BMS
- BMS for Solar Energy Storage
- BMS for EV/E-Truck

2. Low Voltage BMS
- BMS for Solar Energy Storage
- BMS with 1 relay for E-Bike/Forklift/Golf Cart
- BMS with 2 relays for EV/Solar Inverter

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High Voltage BMS

High Voltage BMS

BMS 16S-512S for Solar Energy Storage (slave bms 16S & slave bms 32s)







The high- voltage bms can communicate with these HV Inverters:

DEYE,GOODWE,ATESS,SOFAR,INVT_BD,PYLON,GROWATT,MEGAREVO,KOYOE,AFOFE,Solax(X1/X3-Hybrid-G4),Solis， Sunways,SINEXCEL-PCS,AISWEI， Bluesun,FOX-ESS， LUXPOWER;

High Voltage BMS

BMS 32S-512S for Solar Energy Storage (slave bms 32s)







The high- voltage bms can communicate with these HV Inverters: DEYE,GOODWE,ATESS,SOFAR,INVT_BD,PYLON,GROWATT,MEGAREVO,KOYOE,AFOFE,Solax,Solis, Sunways,SINEXCEL-PCS,AISWEI ,Bluesun,FOX-ESS;

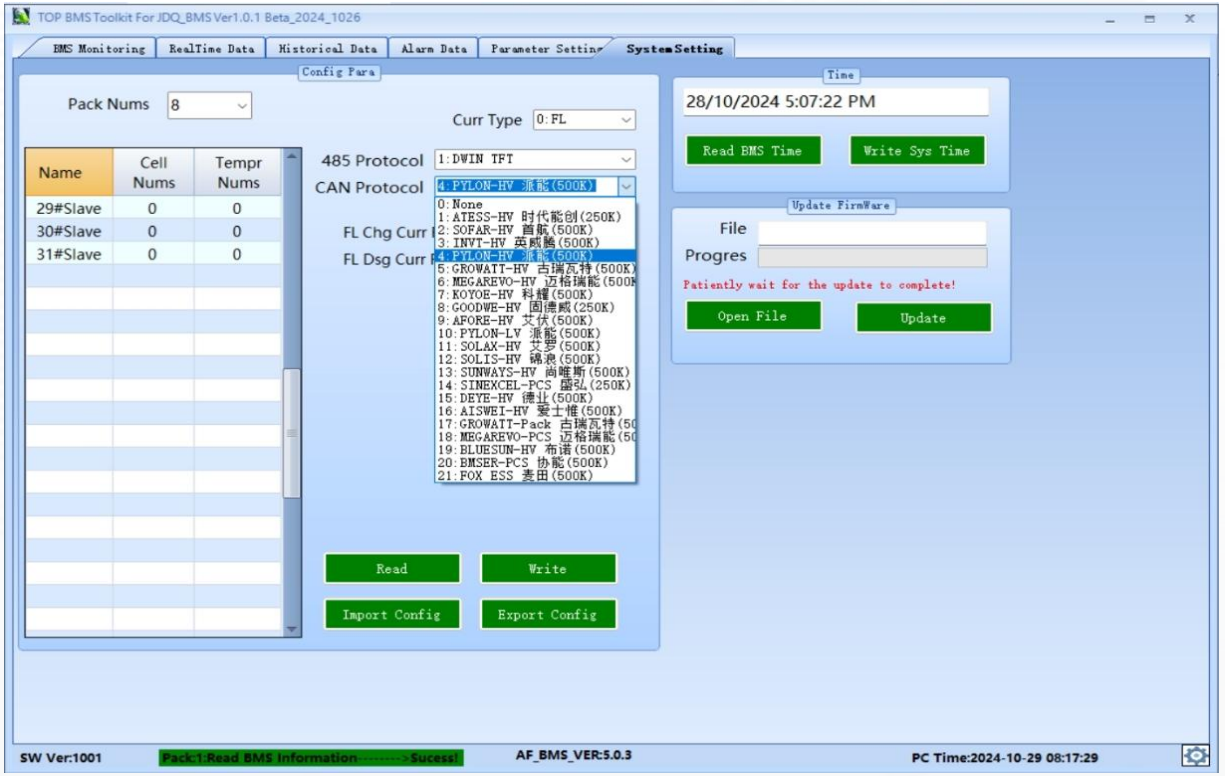
High Voltage BMS Configuration + Monitoring

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The List of Inverter which High Voltage BMS can communicate with

TOPBMS-HV BMS 可兼容的如下品牌逆变器

No	Inverter	Communication Port	Baud Rate
1	ATESS(时代创能)	CAN	500K
2	SOFAR（首航）	CAN	500K
3	INVT_BD(英威腾)	CAN	500K
4	DEYE/PYLON（德业/派能）	CAN	500K
5	GOODWE(固德威)	CAN	500K
6	Growatt(古德瓦特)	CAN	500K
7	MEGAREVO（迈格瑞能）	CAN	500K
8	KOYOE（科曜）	CAN	500K
9	AFOFE(艾伏)	CAN	500K
10	Solax X1/X3-Hybrid/Fit/G4（艾罗）	CAN	500K
11	Solis(锦浪)	CAN	500K
12	Sunways(尚维斯)	CAN	500K
13	SINEXCEL-PCS（盛弘）	CAN	250K
14	AISWEI-HV(爱士惟)	CAN	500K
15	MEGAREVO-PCS（迈格瑞能）	CAN	500K
16	BLUESUN-HV（布诺）	CAN	500K
17	BMSER-PCS （协能）	CAN	500K
18	FOX ESS（麦田）	CAN	500K
19	LUXPOWER-HV	CAN	500K



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High Voltage BMS 14S-160S for EV /Truck/CAR

High Voltage BMS

BMS 14S-160S with canbus for EV (slave bms 14S & slave bms 16S)

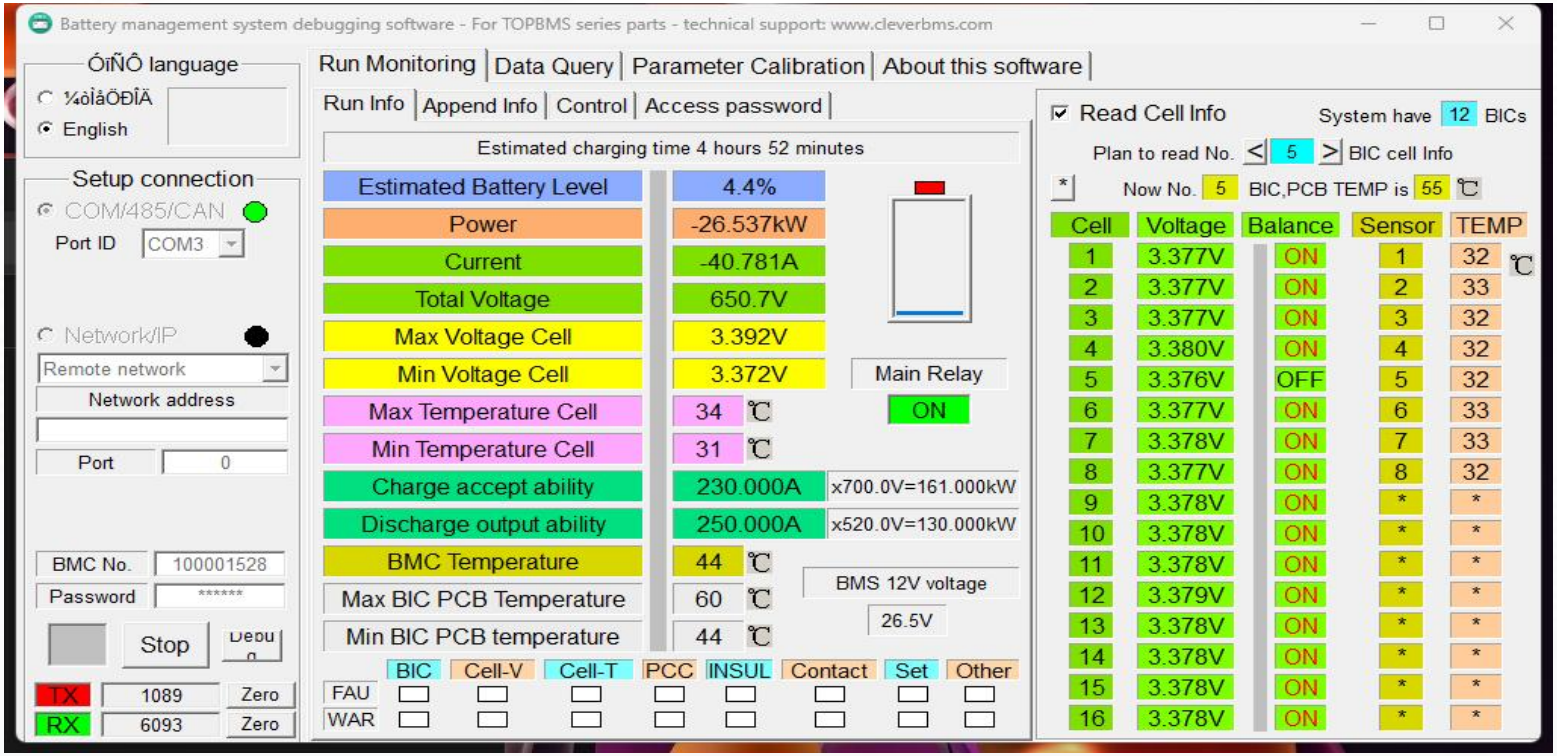






This High Voltage BMS is able to work with china GBT fast DC charger via Canbus Communication (China National Standard :GB/T 27930-2015); you can use EVCC to convert GB/T27930 CAN communication into ISO/IEC15118, DIN70121, SAE2847-2, SAE J2931-4, DIN7012 and other PLC communication standards,EVCC can also convert the GB/T27930 communication into the Japanese standard
Therefore , Our BMS can communicate /work with CCS2 fast DC charger via EVCC

High Voltage BMS Configuration + Monitoring



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High Voltage BMS Configuration + Monitoring





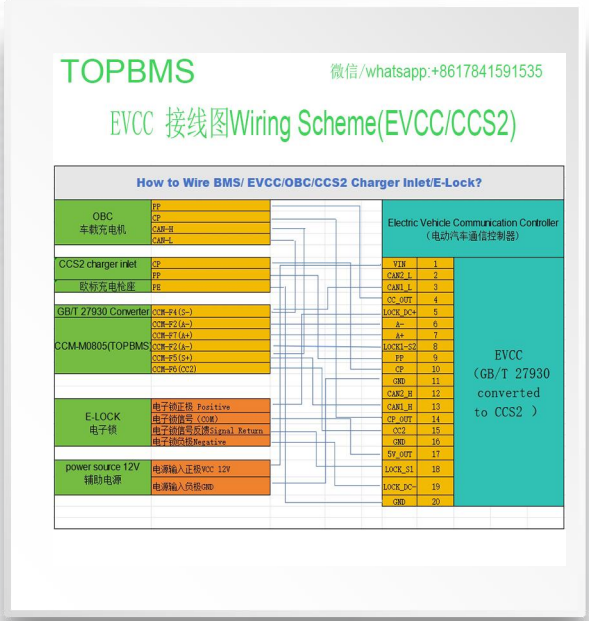


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High Voltage BMS Communicate with EVCC CCS2







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High Voltage BMS Communicate with EVCC CCS1

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High Voltgae -BMS

BMS 14S-412S



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EVCC

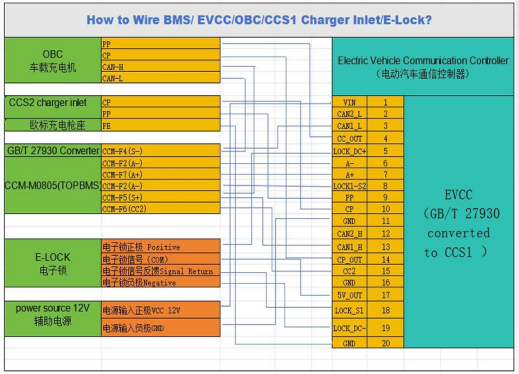
G/BT 27930 Converted to CCS1



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接线图Wiring Scheme(EVCC/CCS1)



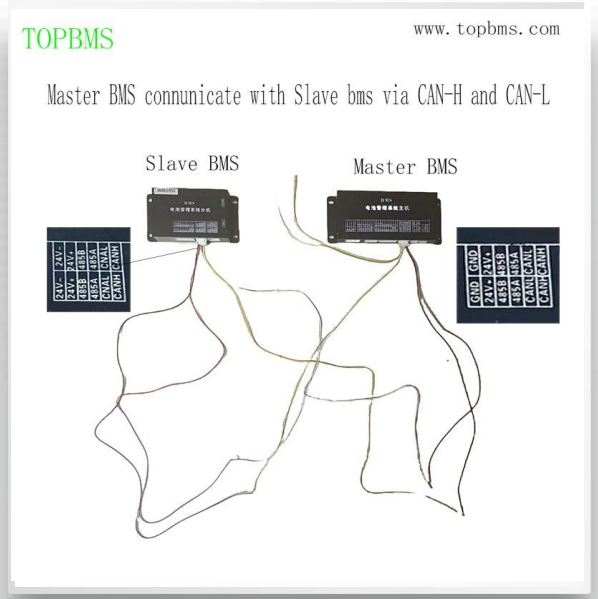
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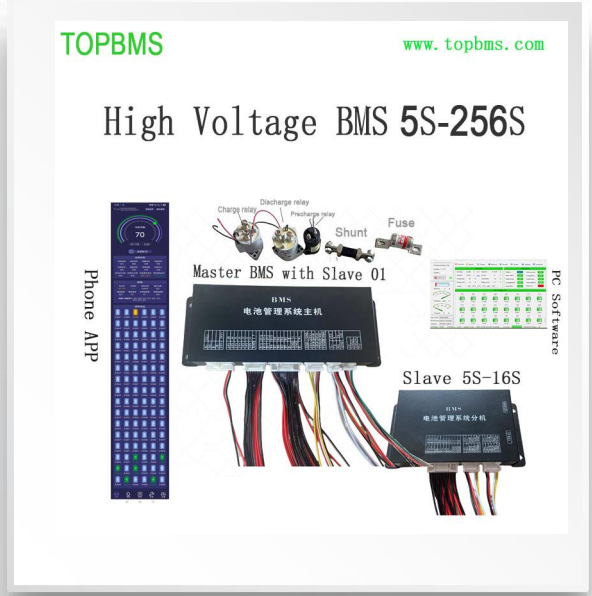
High Voltage BMS 16S-128S for Ecar / Energy Storage

High Voltage BMS

BMS 16S-128S for solar energy /EV (slave bms 16S)





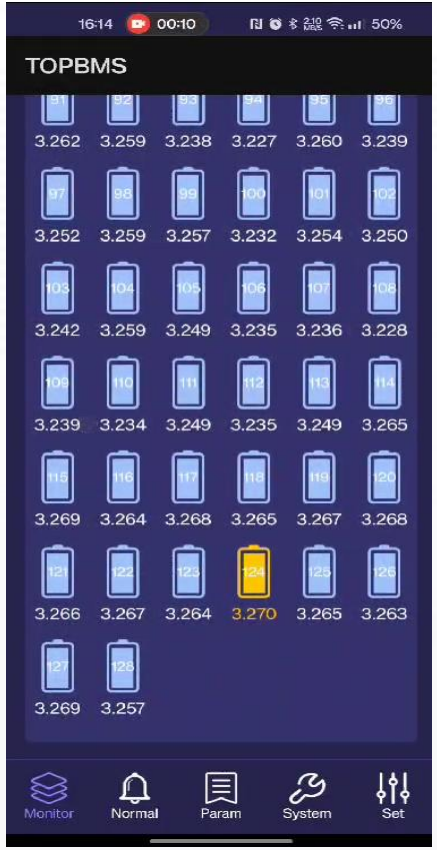


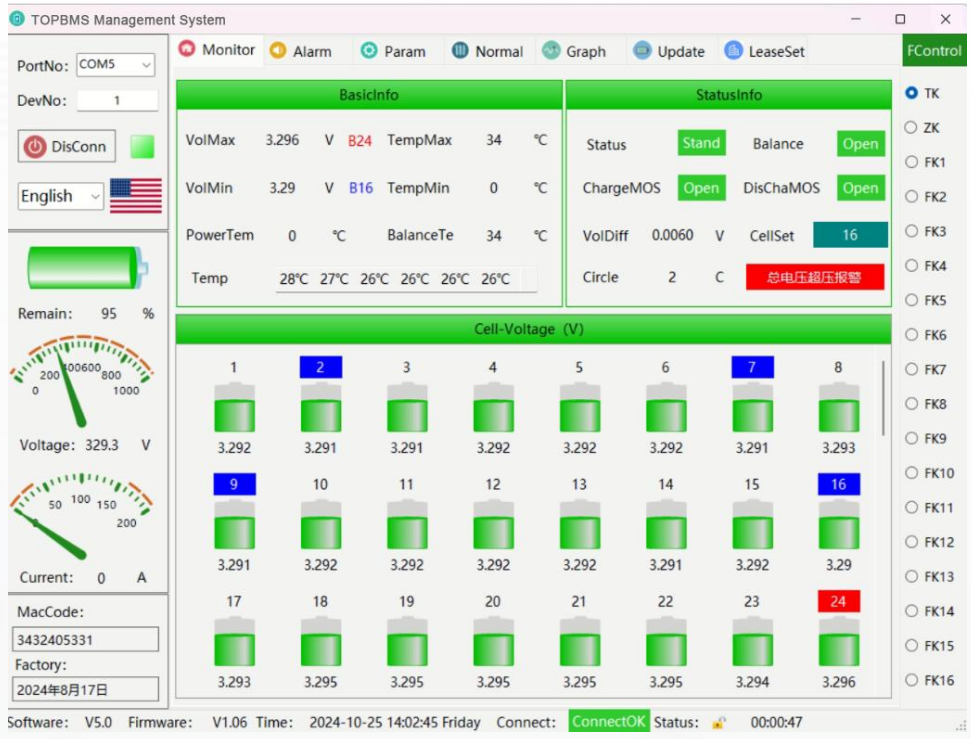
Unable to communicate with Inverter directly

High Voltage BMS Configuration + Monitoring

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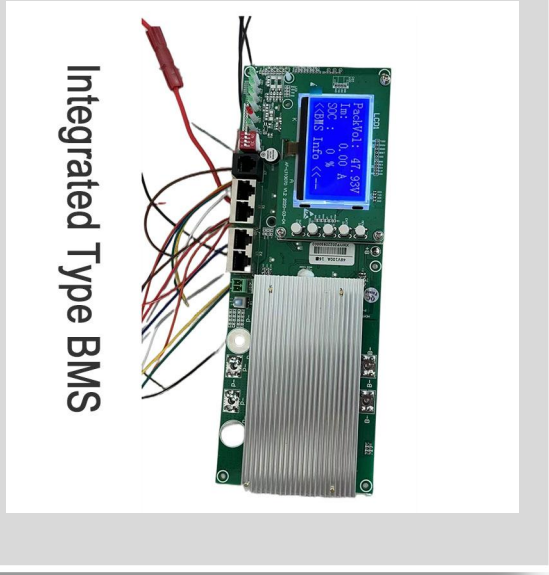


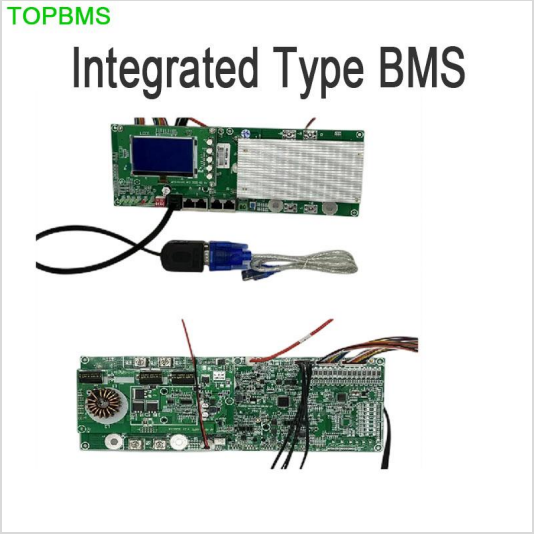
Lower Voltage BMS

BMS 12S-16S 100A 150A

Low Voltage BMS

BMS for Home Energy Storage
It communicate with various Invertes via CANbus /RS485



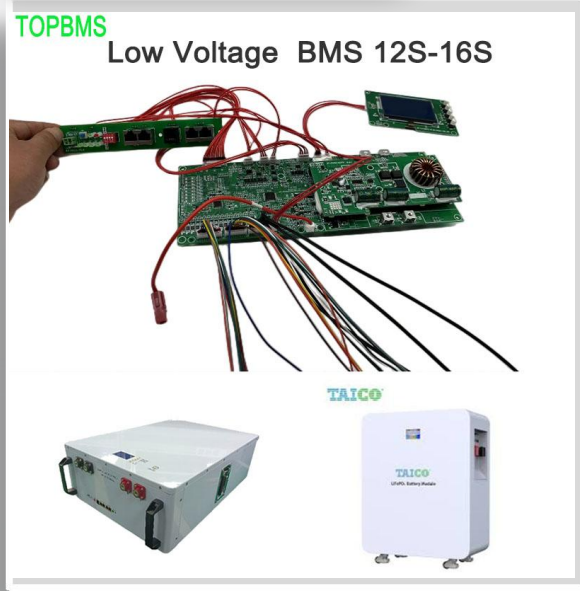


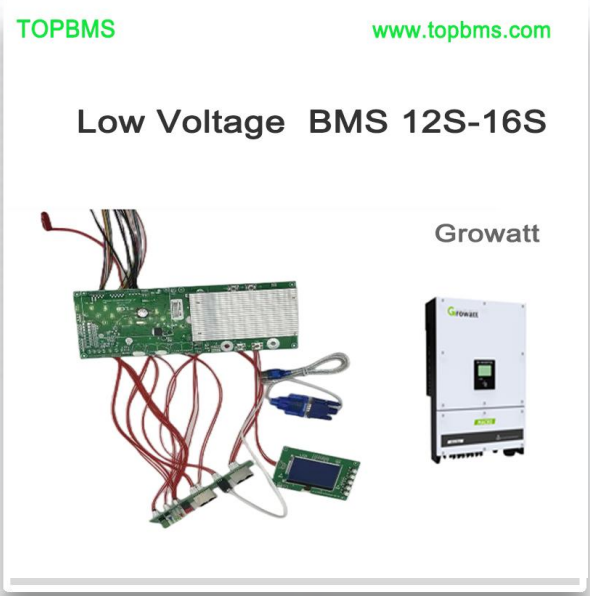


BMS 12S-16S 100A 150A

Low Voltage BMS

BMS for Home Energy Storage
It communicate with various Invertes via CANbus /RS485





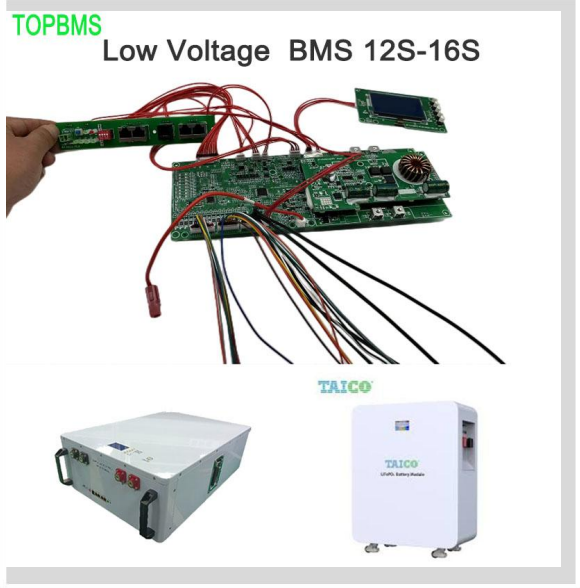
序号	厂 家	协议名称	通讯方式	是否支持
1	固得威	GOODWE	CAN □ 485 □	CAN
2	中兴派能	PYLON	CAN □ 485 □	CAN+RS485
3	SOLARFAM	SOLARFAM	CAN □ 485 □	CAN
4	维克托	VICTRON	CAN □ 485 □	CAN
5	古瑞瓦特	GROWATT	CAN □ 485 □	CAN+RS485
6	艾罗	SOLAX	CAN □ 485 □	CAN+RS485
7	首航	SOFAR	CAN □ 485 □	CAN
8	鹏程	LUXPOWER	CAN □ 485 □	CAN
9	美克	PV1800F	CAN □ 485 □	CAN
10	力通威	LTW	CAN □ 485 □	CAN
11	索瑞德	SOROTEC	CAN □ 485 □	CAN
12	迈格瑞能	MEGAREVO	CAN □ 485 □	CAN
13	日月元	VoltronicPower	CAN □ 485 □	RS485
14	硕日	SRNE	CAN □ 485 □	RS485
15	派能	PYLON TECH	CAN □ 485 □	CAN+RS485
16	德业	Deye	CAN □ 485 □	CAN+RS485
17	斯曼科	SMK SOLAR	CAN □ 485 □	RS485
18	易尚	EasunPower	CAN □ 485 □	RS485
说明	如需匹配其他品牌逆变器需要提供逆变器品牌型号和逆变器的协议。			

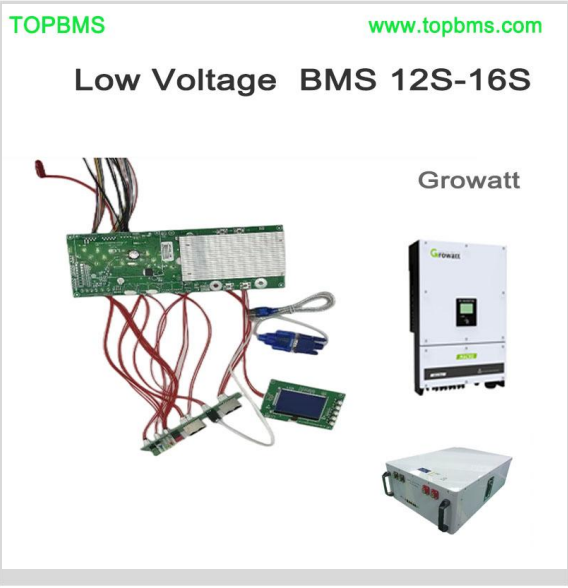
BMS 12S-16S 100A 150A

Low Voltage BMS

BMS for Home Energy Storage
It communicate with various Invertes via CANbus /RS485



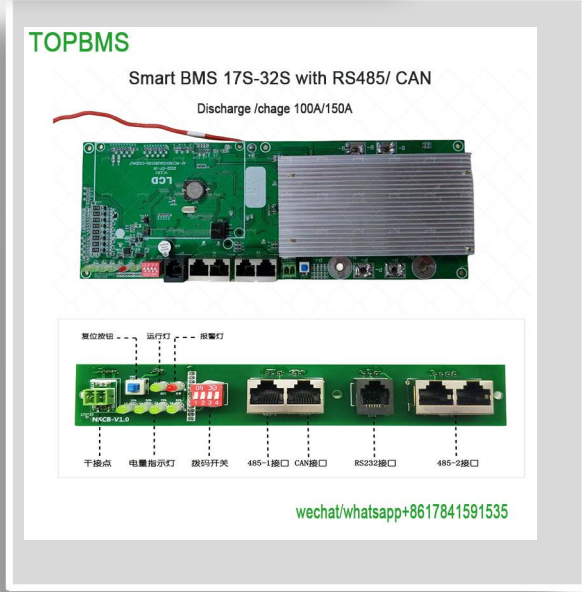




BMS 17S-32S 100A 150A

Low Voltage BMS

BMS for Home Energy Storage
It communicate with various Invertes via CANbus /RS485







BMS 17S-32S 100A 150A

Low Voltage BMS

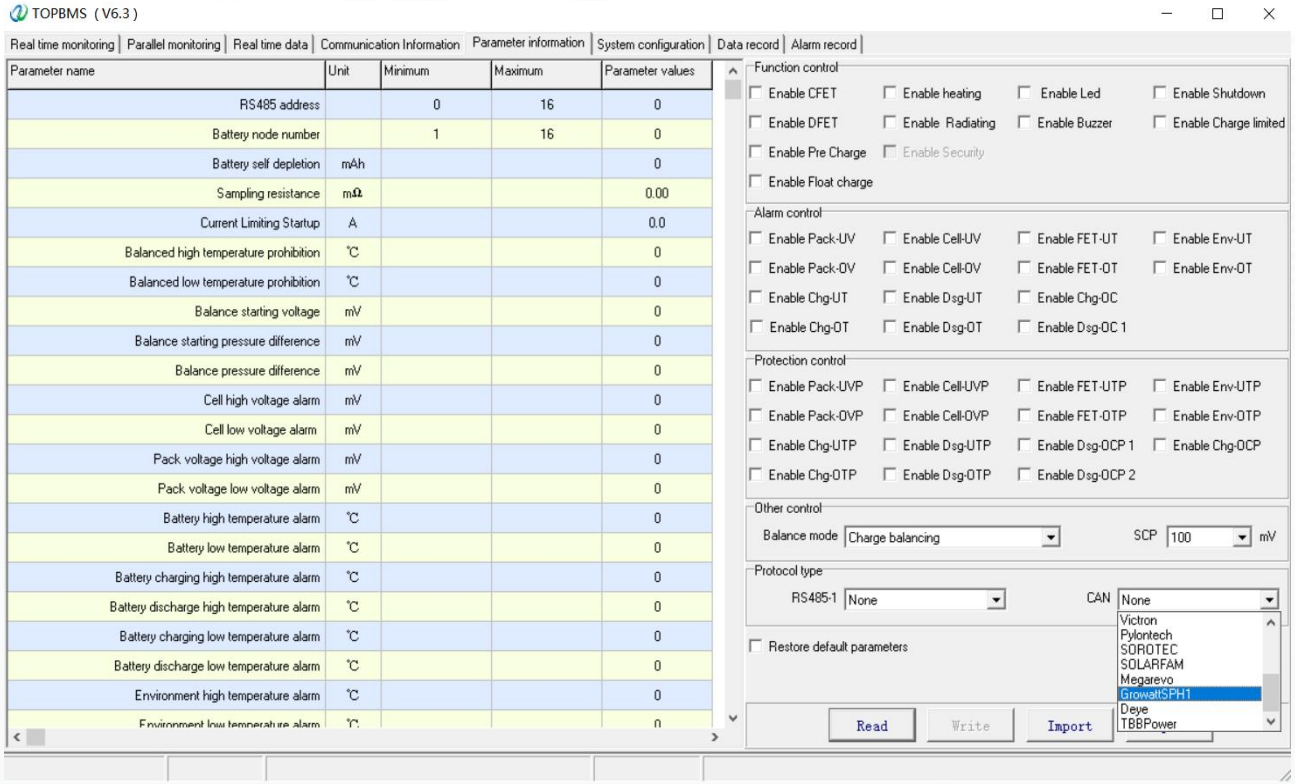
BMS for Home Energy Storage
It communicate with various Invertes via CANbus /RS485





Low Voltage BMS Configuration + Monitoring

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Low Voltage BMS

3S-32S BMS 100A~150A for Ebike /Tricycle/Golfcar/Forklift







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BMS 3S-32S +Mosfets(250A) with bluetooth/rs485

Low Voltage BMS

3S-32S BMS 250A for Ebike /Tricycle/Forklift







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Low Voltage BMS

BMS 200A~600A for Ebike /Tricycle/Forklift/Golf Cart

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Smart BMS 200A-600A + Contactor with B/T+RS485/CAN

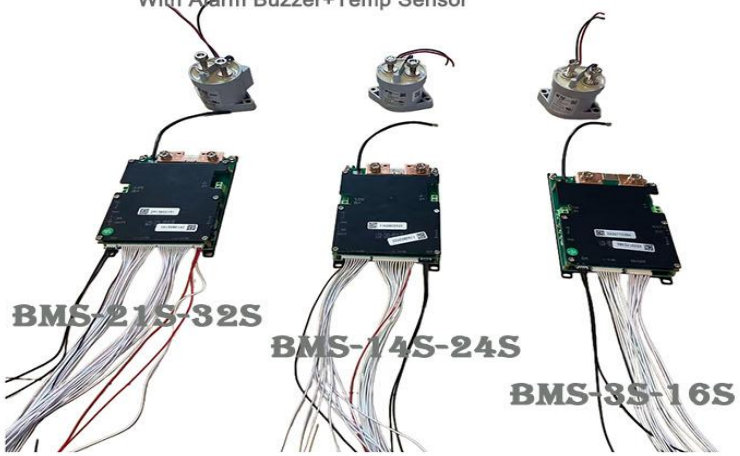
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Li-ion Battery(3.7V)/Lifepo4Battery(3.2V)/LTO Battery(2.3V)/Sodium Ion Battery(3.0V)

Discharging/ Charging 200A 300A 400A 500A 600A

With Alarm Buzzer+Temp Sensor

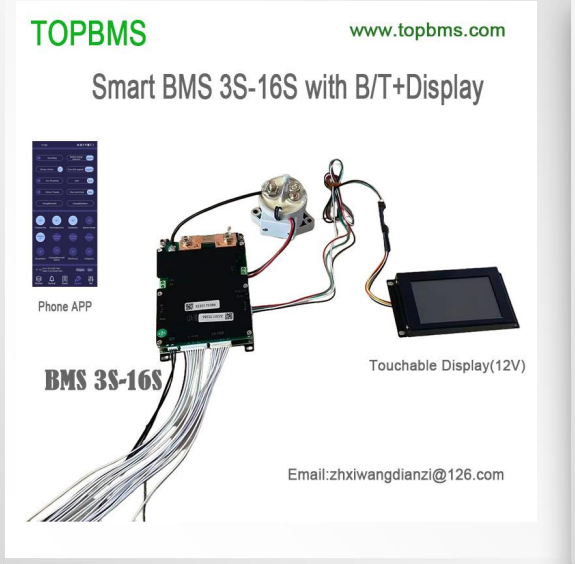




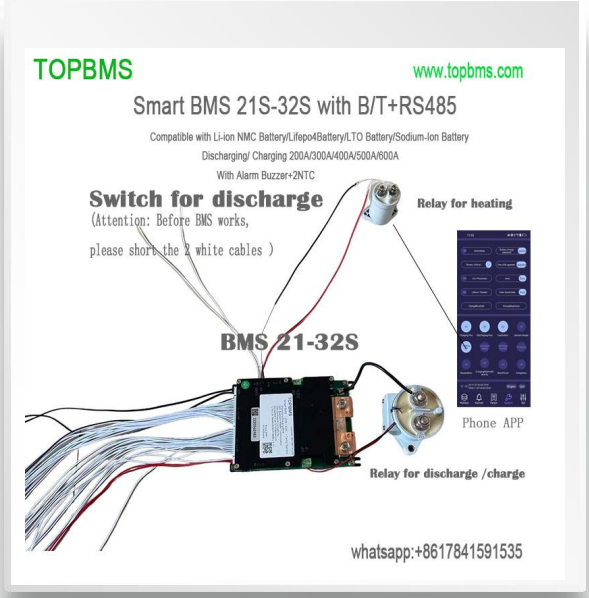


Low Voltage BMS

BMS 200A~600A for Ebike /Tricycle/Forklift/Golf Cart

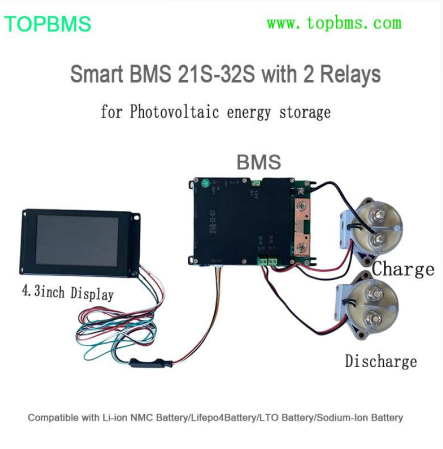


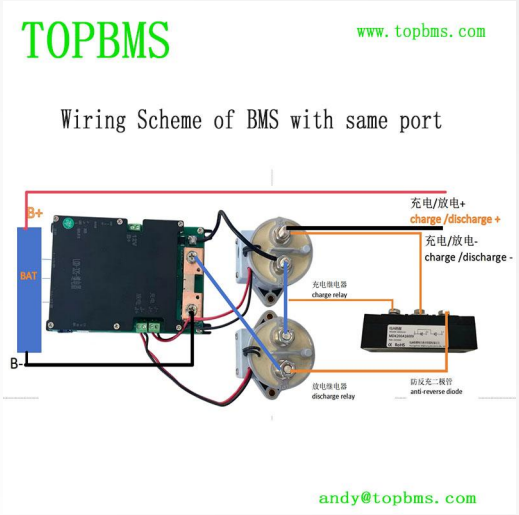


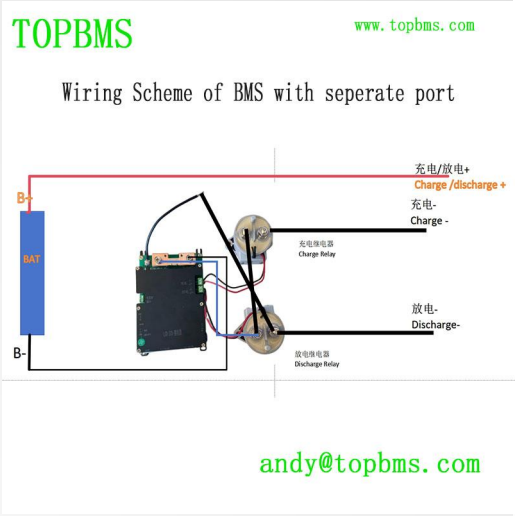


Low Voltage BMS

BMS 200A~600A for Solar Inverter/Tricycle/Forklift/Golf Cart

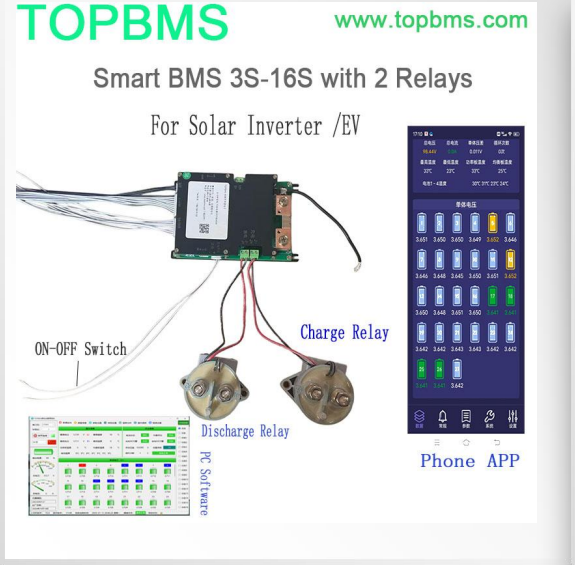




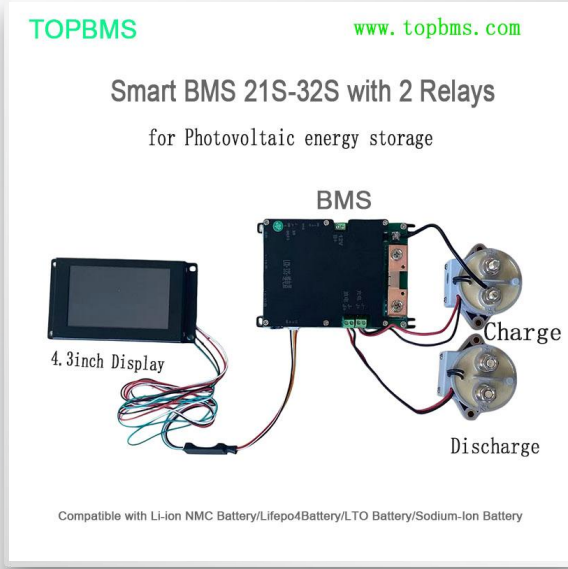


Low Voltage BMS

BMS 200A~600A for Solar Inverter / Tricycle/Forklift/Golf Cart







04



END



Thank You

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