

My Yixiang/YixEnergy MB56 300A JK-BMS Settings

Li-ion Lifepo4

Lto Modify PWD.

Import Params. Export Params.

Basic Settings

Cell Count: 16 OK

Battery Capacity(Ah): 628 OK

Balance Trig. Volt.(V): 0.010 OK

Calibrating Volt.(V): 54.00 OK

Calibrating Curr.(A): 26.67 OK

Advance Settings

Start Balance Volt.(V): 3.00 OK

Max Balance Cur.(A): 2.0 OK

Cell OVP(V): 3.650 OK

Vol. Cell RCV(V): 3.450 OK

SOC-100% Volt.(V): 3.445 OK

Cell OVPR(V): 3.400 OK

Status Settings Control

Yixiang Password: "88888888"
Typical JK BMS Password: "123456"

Cell UVPR(V): 2.900 OK

SOC-0% Volt.(V): 2.700 OK

Cell UVP(V): 2.500 OK

Power Off Vol.(V): 2.490 OK

Vol. Cell RFV(V): 3.350 OK

Vol. Smart Sleep(V): 3.500 OK

Time Smart Sleep(h): 24 OK

Continued Charge Curr.(A): 250.0 OK

Charge OCP Delay(s): 3 OK

Charge OCPR Time(s): 60 OK

Continued Discharge Curr.(A): 236.0 OK

Discharge OCP Delay(s): 300 OK

Discharge OCPR Time(s): 60 OK

Discharge UTPR(°C): -15 OK

Discharge UTP(°C): -20 OK

Charge OTP(°C): 50.0 OK

Charge OTPR(°C): 45.0 OK

CAN:
*011 Luxpower for EG4
*002 PYLON for SungoldPower

Charge UTPR(°C): 5.0 OK

Charge UTP(°C): 0.0 OK

TMP Stop Heating(°C): 0 OK

TMP Start Heating(°C): -10 OK

MOS OTP(°C): 80.0 OK

MOS OTPR(°C): 70.0 OK

SCP Delay(μs): 5 OK

SCPR Time(s): 5 OK

Dischrg. Pre. Chrg. T(s): 5 OK

Device Addr.: 0 OK

Data Stored Period(S): 3600 OK

RCV Time(H): 0.5 OK

Emerg. Time(Min): 30 OK

User Private Data: JK-BMS OK

User Data 2: JK-BMS OK

UART1 Protocol No.: 001 -JK BM... OK

UART2 Protocol No.: 21 OK

UART3 Protocol No.: 015 - JK BM... OK

CAN Protocol No.: 011 - Luxpo... OK

LCD Buzzer Trigger: 09 - MOSFE... OK

My Yixiang/YixEnergy MB56 300A JK-BMS Settings for EG4 and SungoldPower Inverters

EG4 Communication

UART1 Protocol No.:	001 -JK BM...	OK
UART2 Protocol No.:	21	OK
UART3 Protocol No.:	015 - JK BM...	OK
CAN Protocol No.:	011 - Luxpo...	OK
LCD Buzzer Trigger:	09 - MOSFE...	OK
LCD Buzzer Trigger Val:	100	OK
LCD Buzzer Release Val:	95	OK
DRY 1 Trigger:	08 - Battery ...	OK
DRY 1 Trigger Val:	60	OK
DRY 1 Release Val:	50	OK
DRY 2 Trigger:	00 - OFF	OK
DRY 2 Trigger Val:	0	OK
DRY 2 Release Val:	0	OK

Set JK-BMS CAN to 11

**EG4 Settings:
Battery Type - 2: Lithium
Lithium Brand - 6**

Common Setting

Time (?) 2025-06-08 07:40:49 Set

PV Input Mode (?) 4: PV1&2 in Set

Start PV Volt(V) 180 Set

Model

Measurement (?) 1: CT

CT Direction Reversed (?) Enable Disable

Battery Type (?) 2: Lithium

Lithium Brand (?) 6 Set Model

Firmware version EAAB-2021

LCD Version 14/1/1

Sungold Power Communication JK-BMS

User Data 2:	JK - BMS	OK
UART1 Protocol No.:	001 -JK BM...	OK
UART2 Protocol No.:	21	OK
UART3 Protocol No.:	015 - JK BM...	OK
CAN Protocol No.:	002 - PYLO...	OK
LCD Buzzer Trigger:	09 - MOSFE...	OK
LCD Buzzer Trigger Val:	100	OK
LCD Buzzer Release Val:	95	OK
DRY 1 Trigger:	08 - Battery ...	OK
DRY 1 Trigger Val:	60	OK
DRY 1 Release Val:	50	OK
DRY 2 Trigger:	00 - OFF	OK
DRY 2 Trigger Val:	0	OK

**Set BMS CAN to:
002-PYLON**

**SungoldPower
Settings
Pylon**

Battery selection

- No Battery
- Lead-Acid battery
- PYLON**
- Dyness
- UZ
- Cancel

SGN11.4KHB-48608PH

1 2 3 4 5

Step4 Set parameters for the inverter to connect to the workmode

Hybrid work mode
Self-consumption mode









Backup Output

Battery parameters

Battery selection
PYLON

Previous Next

Self Used Mode:It is applicable to areas with high power purchase price, low subsidies for power sales and high requirements for self use

Model (Click image for link)	Unit Cost +Tax	Shipping/ Fees	Cost/ kWh	Capacity kWh	Capacity Ah	Battery Type	BMS	Amps In	Amps Out	Power Switch	Physical Switch	Display	Active Balancing	Communications	Fire Suppression	Heating	Vert/Hor	Casters	Certifications	Warranty
 YixEnergy MB56	\$3,499	\$0	\$109	32	628Ah	LiFePO4	JK	200A	200A	YES	YES	YES	YES	RS485 /CAN	Dual	NO	HOR.	OPT	NA	5year
 YixEnergy DIY	\$1,573	~\$306	\$95	16.6	314Ah	LiFePO4	JK	200A	300A	YES	YES	YES	YES	RS485 /CAN	Single	NO	VERT.	YES	DIY	DIY
 EG4 Wall Mount	\$3,109	~\$250	\$217	14.3	280Ah	LiFePO4	EG4	140A	140A	YES	YES	YES	NO	RS485 /CAN	Dual	YES	VERT.	NO	UL 1973/ UL 9540A	10year
 EG4 Wall Mount	\$3,728	~\$250	\$233	16	314Ah	LiFePO4	EG4	157A	200A	YES	YES	YES	YES	RS485 /CAN	Dual	YES	VERT.	NO	UL 1973/ UL 9540A	10year
 BasenGreen DIY	\$1,650	~\$25	\$99	16.6	314Ah	LiFePO4	JK	200A	300A	YES	YES	YES	YES	RS485 /CAN	None	NO	HOR.	NO	DIY	DIY
 Pytes V5	\$5,653	~\$250	\$367	15.4	300Ah	LiFePO4	Pytes	300A	300A	YES	NO	Bluetooth	NO	RS485 /CAN	None	YES	VERT.	YES	UL 1973/ UL 9540	10year
 EG4 LL-S	\$4,672	~\$250	\$303	15.4	300Ah	LiFePO4	EG4	300A	300A	YES	YES	YES	NO	RS485 /CAN	Dual	NO	VERT.	YES	UL 1973/ UL 9540	10year
 Wiretech	\$4,932	~\$250	\$161	30.72	600Ah	LiFePO4	Wiretech	300A	600A	YES	YES	YES	NO	RS485 /CAN	None	NO	VERT.	YES	UL 1973/ UL 9540	10year