

ENERGY STORAGE BATTERY CATALOGUE



 **ESTONIA**
Akadeemia Tee 7/2, Tallinn, Estonia,
Tallinn, Estonia, 12611

 **EGYPT**
coming soon

Leading the technology of energy storage system
EEmmentor OÜ



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ABOUT US

EEmmentor is an Estonia-based engineering and educational network dedicated to transforming ideas into practical electronic solutions. Built on the principle of “learning through innovation,” EEmmentor bridges the gap between theoretical knowledge and real-world engineering execution. We believe true growth comes from combining technical education with hands-on experience, empowering students, innovators, and professionals to build with confidence. Through PCB design, IoT development, and expert consultation, we help turn complex engineering challenges into scalable and impactful solutions.

OUR MISSION

To empower the next generation of engineers and innovators through accessible knowledge, practical experience, and advanced engineering solutions. We aim to create a global learning ecosystem where education and innovation work together, enabling individuals to develop technical confidence, solve real-world problems, and contribute meaningful advancements to the field of Electrical and Electronic

OUR COMMITMENT

We are committed to delivering engineering excellence with precision, reliability, and purpose. From concept development to production-ready solutions, EEmmentor focuses on creating systems that are practical, efficient, and future-ready. By combining mentorship, innovation, and industry expertise, we provide continuous support to learners, startups, and professionals seeking long-term growth and technical success.

CERTIFICATION



China High-Tech Enterprise



China High-Tech Enterprise



ISO9001



ISO14001



ISO13485



Design Patent



UL



PSE



CB



Global Liability Insurance



IEC62133



CE



FCC



UN38.3

Since 2023



- years specialized lithium battery, Leader of LifePo4 Battery
- One of the leading ESS Solution Provider
- OEM & ODM Solution customized according to clients requirement

Research and Development



- Hi-Tech Enterprise
- 2 Research labs
- 50+ research patents
- customized solution service

Manufacturing Technology



- 40+ Engineers and technicians, 500+ skilled labors
- 5 cell selection processes to ensure high consistency of the cell parameters, extend the working time and cycles life of the battery
- Fully automatic welding equipment, to guaranty each cell well assembled 4 production lines (Automatic & half automatic productions lines)

WHY
EEmentor
OÜ
?

One-stop Service

- Multiple selection for Brand cells as LG, Panasonic, Lishen, Samsung, CATL, Gotion, EVE
- BMS Design according to the customization demands
- Customized case design service
- Provide matched solar pannel, inverter, charger



Quality Control

- Quality control process from the raw material to out-going products
- International certificates ISO9001 ISO14001 & ISO13485
- 100% total quality management
- Battery performance testing



Seamless Integration

- Provide battery modules as standardized size, voltage, capacity
- Compitible with most brand Inverters
- Seamless Integration with industry standard Inverters/Charge Controllers



PRODUCTS INTRODUCTION

Multiple Function Portable Power

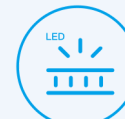
Charge most 12V 9V 5V devices, such as LED strip light products, Router, CCTV/IP Camera, Amplifer, Modem, Small speaker, Car DVR, phone and more.

- 

Laptop
- 

Tablet/Phone
- 

Fingerprint Machine
- 

Router
- 

LED Strip Light
- 

Fax Machine
- 

Camera



Specification

Model:	PS12-60
Capacity:	6Ah 72Wh
Voltage:	12V
Internal Impedance:	≤200mΩ
Maximum Continuous Charge Current:	DC5525: 14.6V 1.5A
Maximum Continuous Discharge Current:	DC5525: 12V 5A DC4017: 9V 1.5A USB2.0 : 5V 2A
Battery Dimensions:	168*89*43mm
Battery pack Weight:	Approx 750g

Specification

Model:	PS12-LI52	PS24-LI33
Capacity:	5.2Ah 62.4Wh	3.35Ah 80.4Wh
Voltage:	12V	24V
Internal Impedance:	≤300mΩ	≤300mΩ
Maximum Continuous Charge Current:	DC5521: 12.6V 1.5A	DC5525: 29.4V 1.5A
Maximum Continuous Discharge Current:	DC5521: 12V 5A DC4017: 9V 1.5A USB2.0 : 5V 2A	DC5525: 24V 3A DC4017: 9V 1.5A USB2.0 : 5V 2A
Battery Dimensions:	161*89*23mm	161*89*23mm
Battery pack Weight:	Approx 400g	Approx 450g



PRODUCTS INTRODUCTION

Lead-acid Replacement Batteries

EEmmentor OÜ provides a complete range of 12 to 48 V LiFePO4 batteries as a replacement solution for Lead-acid batteries and Energy storage solutions for a wide range of applications. These batteries can replace the lead-acid batteries efficiently with plug-and-play. The batteries have a built-in BMS system with multiple options for communications protocol such as Bluetooth, Wi-Fi, and RS485.



Features

- 

Support series and parallel configuration
- 

CANBus, RS485, Bluetooth, and Wi-Fi Communication protocols
- 

High safety with advanced BMS technology
- 

Compatible with applications
- 

Drop and replacement solutions
- 

Environmentally friendly

Advantages

- 200%

2X the power of traditional batteries
- 1/3

The weight and space
- 4X

4X cycle life
- 100%

Useable capacity
- 100%

Charge up to 5X Faster

Lead Acid Replacement Battery

Model Number	Nominal voltage	Capacity (Ah)	Charge Current(A)	Discharge Current (A)	Peak Current (A)	Weight (kg)	Dimension (L*W*H)mm
MB1206F	12V	6	6	6	30	0.8	151*65*95
MB1209F	12V	9	9	9	35	3	151*65*95
MB1210F	12V	10	10	15	35	1.1	142*80*80
MB1212F	12V	12	12	15	60	5	151*98*95
MB1215F	12V	15	15	15	60	1.5	151*98*95
MB1220F	12V	20	20	30	68	1.6	180*76*166
MB1224F	12V	24	24	30	60	1.9	180*76*166
MB1225F	12V	25	25	25	50	3	116*100*20
MB1230F	12V	30	40	40	15	3	0
MB1240F	12V	40	40	50	0	3	196*165*17
MB1250F	12V	50	50	50	17	5.3	4
MB1260F	12V	60	50	50	0	6.5	196*165*17
MB1275F	12V	75	50	50	15	6.5	4
MB1280F	12V	80	80	100	0	8.5	196*165*17
MB12100	12V	100	80	100	17	9.8	4
F	12V	125	80	100	0	12.	260*167*21
MB12125	12V	150	80	100	15	1	1
F	12V	200	80	100	0	12.	260*168*21
MB12150	12V	300	80	100	35	3	3
F	24V	10	6	15	0	15	318*165*21
MB12200	24V	12	12	15	35	19.	5
F	24V	20	20	20	0	8	318*165*21
MB12300	24V	25	25	25	35	25	5
F	24V	50	50	50	0	35	318*165*21
MB2410F	24V	100	80	175	35	2.9	5
MB2412F	24V	125	80	100	0	5	485*170*24
MB2420F	24V	150	80	100	35	2.8	5
MB2425F	24V	200	100	200	0	6.5	48*170*245
MB2450F	24V	300	100	150	35	6.5	520*221*29
MB24100					0	12	6
F					55	24.	180*76*166
MB24125					50	2	180*80*150
F					85	32.	196*165*17
MB24150					85	2	4
F					14	35	196*165*17
MB24200					0	60.	4

Bluetooth and Wi-Fi series

Model Number	Nominal voltage	Capacity (Ah)	Charge Current(A)	Discharge Current (A)	Peak Current (A)	Weight (kg)	Dimension (L*W*H)mm	Communication Protocol
MB1209F	12V	9	9	9	35	1.1	151*65*95	bluetooth
MB1212F	12V	12	12	15	60	5	151*98*95	bluetooth
MB1220F	12V	20	20	30	68	1.6	180*76*166	bluetooth
MB1224F	12V	24	24	30	60	3	180*76*166	bluetooth
MB1250F	12V	50	50	50	15	3	196*165*174	bluetooth
MB1275F	12V	75	50	50	0	6.5	260*168*213	bluetooth
MB12100	12V	100	80	100	15	9.8	318*165*215	bluetooth
F	12V	125	80	100	0	12.	318*165*215	bluetooth
MB12125	12V	150	80	100	35	3	485*170*245	bluetooth
F	12V	200	80	100	0	15	48*170*245	bluetooth
MB12150	12V	300	80	100	35	19.	520*221*296	bluetooth
F	24V	50	50	50	0	8	318*165*215	bluetooth
MB12200	12V	50	50	50	35	25	196*165*174	WiFi
F	12V	75	50	50	0	35	260*168*213	WiFi
MB12300	12V	100	80	100	35	12	318*165*215	WiFi
F	12V	125	80	100	0	6.5	318*165*215	WiFi
MB2450F	12V	150	80	100	35	9.8	485*170*245	WiFi
MB1250F	12V	200	80	100	0	12.	48*170*245	WiFi
MB1275F	12V	300	80	100	14	3	520*221*296	WiFi
MB12100	24V	50	50	50	0	15	318*165*215	WiFi
F					15	19.		
MB12125					0	8		
F					15	25		
MB12150					0	35		
F					35	12		
MB12200					0	35		
F					35	0		
MB12300					0	35		
F					0			
MB2450F					0			
					35			
					0			
					35			
					0			
					14			
					0			



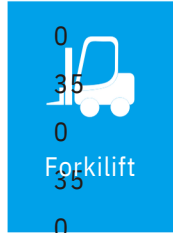
Golf Carts



Marine Boats



Jumps Starter



Forklift



Industrial Cleaner



Energy Storage

PRODUCTS INTRODUCTION

ESS Battery

EEmentor OÜ ESS Solutions are unique in offering the best quality features with 100% safety and reliability. These solutions are extendable by connecting modules in parallel. Built-in BMS system and advanced cell balancing technology while charging and discharging ensure safety.

The devices are used extensively for home energy storage systems and small grid applications.



Features



Reliability

Advanced lithium iron phosphate technology
First class control system



Flexibility

Modular structure forms varieties of energy levels
Small size, convenient to maintain



Intelligence

Remote control system for APP
Visual data



Easy Installation

Modular design, fast transportation and installation, Easy to use

Advantages



Stable and Safe

LiFePO4 Battery,
stable and safe



More Energy

Mutile modules configuration,
more engergy



Small Space

Modern and compact,
small space



Eco-friendly

Backup Protection, Energy save,
Eco-friendly



EEmentor OÜ Industrial Energy storage systems can provide an array of methods to deal with our supply-demand situation and create an energy infrastructure that is more resilient and offer cost savings to the utilities and consumers. It provides the customization solution from 240Wh-230Kwh by parallelling the standardized battery modules.

Module Specification

- cell type:
lifepo4(lfp) battery cell
- Nominal voltage:
24V-51.2V
- Capacity:
50Ah, 100Ah, 150Ah, 200Ah 300Ah
- Energy:
240Wh-15Kwh
- Size:
Standard Size 2U,3U,4U,5U
- BMS Communication Protocol:
CANBus, RS485, RS232
- Application:
Home ESS, Solar ESS, Solar off grid backup system, Solar Hybrid inverter UPS



Unique Features

Reliability
Cells matching, smart BMS technology, super safety

Internal Stucture
Can stack up to 15 Modulars to meet different energy demand

APP Monitor
Cloud base APP monitoring system, remote control

Multiple Cumminucation Protocols
Supports with CANBUS, RS485, RS232 etc

Modules Technical Specification for Cabinet Batteries series

Model No.	MB48100-15S-CB	MB48100-16S-CB	MB48150-15S-CB	MB48150-16S-CB	MB48200-15S-CB	MB48200-16S-CB
Norminal Voltage	48V (15 Series)	51.2V (16 Series)	48V (15 Series)	51.2V (16 Series)	48V (15 Series)	51.2V (16 Series)
Norminal Capacity	100Ah	100Ah	150Ah	150Ah	200Ah	200Ah
Energy	4800Wh	5120Wh	7200Wh	7680Wh	9600Wh	10300Wh
Cycles times	≥3000times @80% DOD, 25°C, 0.5C ≥5000times @60% DOD, 25°C, 0.5C					
Durations	≥10years					
The Max discharge current	100A	100A	150A	150A	200A	200A
Operating temperature	Charing 0°C~45°C Discharging -10°C~50°C					
Storage Environment	-10°C~45°C@ 60%±25%					
Dimensions(L*D*W)	450*177*442 mm(4U)	450*177*442 mm(4U)	480*222*442 mm(5U)	480*222*442 mm (5U)	560*222*442 mm (5U)	560*222*442 mm (5U)
Weight	About 56Kg	About 58Kg	About 75Kg	About 78Kg	About 92Kg	About 96Kg
Communicate Protocol	CANBus, RS485, RS232					
Certificates	IEC62619, UN38.3, MSDS					

Battery Technical Specification for Cabinet Batteries LV Series

Model No.	MB48300-16S-CBL	MB48450-16S-CBL	MB48500-15S-CBL	MB48600-15S-CBL
Norminal Voltage	51.2V (16 Series)	51.2V (16 Series)	48V(15 Series)	48V(15 Series)
Norminal Capacity	300Ah	450Ah	500Ah	600Ah
Energy	15.36KWh	20.48KWh	25.6KWh	30.72KWh
Cycles times	≥3000times @80% DOD, 25°C, 0.5C ≥5000times @60% DOD, 25°C, 0.5C			
Durations	≥10years			
The Max discharge current	100A			
Operating temperature	Charing 0°C~45°C Discharging -10°C~50°C			
Storage Environment	-10°C~45°C@ 60%±25%			
Dimensions(L*D*W)	745*415*590mm	930*415*590mm	1120*415*590mm	1300*415*590mm
Weight	About 195Kg	About 260Kg	About 310Kg	About 360Kg
Communicate Protocol	CANBus, RS485, RS232			
Certificates	IEC62619, UN38.3, MSDS			

Battery Technical Specification for Cabinet Batteries HV Series

Model No.	MB153100-48S-CBH	MB204100-64S-CBH	MB256100-80S-CBH	MB307100-96S-CBH
Norminal Voltage	153.6V (48 Series)	204.8V (64 Series)	256V (80 Series)	307.2V (96 Series)
Norminal Capacity	100Ah	100Ah	100Ah	100Ah
Energy	15.36KWh	20.48KWh	25.6KWh	30.72KWh
Cycles times	≥3000times @80% DOD, 25°C, 0.5C ≥5000times @60% DOD, 25°C, 0.5C			
Durations	≥10years			
The Max discharge current	100A			
Operating temperature	Charing 0°C~45°C Discharging -10°C~50°C			
Storage Environment	-10°C~45°C@ 60%±25%			
Dimensions(L*D*W)	745*415*590mm	930*415*590mm	1120*415*590mm	1300*415*590mm
Weight	About 195Kg	About 260Kg	About 310Kg	About 360Kg
Communicate Protocol	CANBus, RS485, RS232			
Certificates	IEC62619, UN38.3, MSDS			

Applications

Telecom Centers, Data Center, Industrial Power Backup





Module Specification

Cell type:
LiFEPO4(LFP) battery cell
Nominal voltage:
48V (24V, 48V , 51.2V)
Capacity:
100Ah(5AH to 300AH customized)
Energy:
5 ~30KWh
Size:
785(L)*560(D)*140(W)mm
BMS Communication Protocol:
RS485/CAN (Optional)
Application:
Home Power Back UP, ON/OFF Grid Backup



EEmentor OÜ wall-mounted batteries for homes are smart 5KWh, 10KWh, 15 KWh, 20 KWh and 30KWh home energy storage devices that offer homeowners the option to store energy generated by an on- site solar system or from the grid to serve as an emergency home battery backup. Melasta can provide OEM and ODM solutions as clients requirement and the modules can be paralleled. In addition, Melasta Powerwalls are low-cost solutions with the best quality.

Battery Technical Specification for Power Wall Series

Model No.	MB4850-15S-AL	MB4850-16S-PW	MB48100-15S-PW	MB48100-15S-PW
Norminal Voltage	48V (15 Series)	51.2V (16 Series)	48V (15 Series)	51.2V (16 Series)
Norminal Capacity	50Ah	50Ah	100Ah	100Ah
Energy	2400Wh	2560Wh	4800Wh	5120Wh
Inverters	Yes, with Inverter Built-In			
Life cycles (80% DOD, 25°C)	>5000 times			
Durations	≥10years			
The Max discharge current	50A	50A	100A	100A
Operation temperature	-20°C to 60°C @60+/-25% Relative Humidity			
Storage Environment	-10°C~45°C,65±20%RHStorage for a long time(> 3 months) and the storage condition shall be <35°C 65±20%RH			
Dimensions(L*D*W)	785*560*140mm			
Weight	About 52Kg	About 55Kg	About 62Kg	About 68Kg
Communicate Protocol	RS485/CAN (Optional)			
Lithium Battery Standard	UI1973, IEC62619, UN38.3, ROHS,CE-EMC			

Unique Features



Modular, extensible & Proven Performance



Standard size, capacity and current customzied



Max support 15 units parallel connection



Child and pet friendly with no exposed wires or hot vent

Module Specification

Cell type:
LiFEPO4(LFP) battery cell

Nominal voltage:
51.2V (24V, 48V 51.2V)

Capacity:
100Ah(5AH to 300AH customized)

Energy:
5 ~30KWh

Size
650(L)*450(D)*180(W)mm

BMS Communication Protocol:
RS485/CAN (Optional)

Application:
Home Power Back UP, ON/OFF Grid Backup



Module Specification

Cell type:
LiFEPO4(LFP) battery cell

Nominal voltage:
48V-51.2V

Capacity:
50Ah, 100Ah, 150Ah, 200Ah

Energy:
5 ~30KWh

Size:
680(L)*480(D)*200(W)mm

BMS Communication Protocol:
RS232,RS485, CANBus (Optional)

Application:
Home Power Back UP, ON/OFF Grid Backup



Battery Technical Specification for Power Wall Series

Model No.	MB4850-15S-AL	MB4850-16S-PW	MB48100-15S-PW	MB48100-16S-PW
Norminal Voltage	48V (15 Series)	51.2V (16 Series)	48V (15 Series)	51.2V (16 Series)
Norminal Capacity	50Ah	50Ah	100Ah	100Ah
Energy	2400Wh	2560Wh	4800Wh	5120Wh
Inverters	No inverter built in battery but can offer extra matched inverter			
Life cycles (80% DOD, 25°C)	>5000 times			
Durations	≥10years			
The Max discharge current	50A	50A	100A	100A
Operation temperature	-20°C to 60°C @60+/-25% Relative Humidity			
Storage Environment	-10°C~45°C,65±20%RHStorage for a long time(> 3 months) and the storage condition shall be <35°C 65±20%RH			
Dimensions(L*D*W)	650*450*180mm			
Weight	About 40Kg	About 45Kg	About 52Kg	About 54Kg
Communicate Protocol	RS485/CAN (Optional)			
Lithium Battery Standard	UI1973, IEC62619, UN38.3, ROHS,CE-EMC			

Battery Technical Specification for Power Wall Series

Model No.	MB48100-15S-PW	MB48100-16S-PW	MB48200-15S-PW	MB48200-16S-PW
Norminal Voltage	48V (15 Series)	51.2V (16 Series)	48V (15 Series)	51.2V (16 Series)
Norminal Capacity	100Ah	100Ah	200Ah	200Ah
Energy	4800Wh	5120Wh	9600Wh	10240Wh
Inverters	No inverter built in battery but can offer extra matched inverter			
Life cycles (80% DOD, 25°C)	>5000 times			
Durations	≥10years			
The Max discharge current	100A	100A	200A	200A
Operation temperature	-20°C to 60°C @60+/-25% Relative Humidity			
Storage Environment	-10°C~45°C,65±20%RHStorage for a long time(> 3 months) and the storage condition shall be <35°C 65±20%RH			
Dimensions(L*D*W)	680*480*200mm			
Weight	About 65Kg	About 68Kg	About 95.6Kg	About 98Kg
Communicate Protocol	RS485/CAN (Optional)			
Lithium Battery Standard	UI1973, IEC62619, UN38.3, ROHS,CE-EMC			



EEmentor.co offers a variety of energy storage solutions that are scalable and based on lithium iron batteries and a lithium battery system designed in series with modules. The modules are 48V or 51.2V with 2.5KWh, 5KWh 7.5KWh, 10 KWh and 20 KWh. It has a wide variety of sizes and configurations to support diverse applications. In addition, for applications with specific power requirements, our experienced engineers can develop, test, and create customized battery solutions to meet the unique needs of almost every application.

Module Specification

- Cell type:**
LiFEPO4(LFP) battery cell
- Nominal voltage:**
48V-51.2V
- Capacity:**
50Ah, 100Ah, 150Ah, 200Ah
- Energy:**
5 ~20KWh
- Size and weight :**
415(L)*185(H)*590(W)mm, 65KG
- BMS Communication Protocol:**
RS232,RS485, CANBus
- Application:**
Home ESS, Solar ESS, Solar off grid backup system,Solar Hybrid inverter UPS



Unique Features



Intelligent
Equipped with an indepent BMS System Independence



Modular Expansion
Maximum of 15 batteries can be parallel-connected



Easy Installation
Standard size battery modules and easy to use



Seamless Compatible
Keep appliances running seamlessly

Battery Technical Specification for Rack Mounted Series

Model No.	MB4850-15S-ST	MB4850-16S-ST	MB48100-15S-ST	MB48100-16S-ST
Norminal Voltage	48V (15 Series)	51.2V (16 Series)	48V (15 Series)	51.2V (16 Series)
Norminal Capacity	50Ah	50Ah	100Ah	100Ah
Energy	2400Wh	2560Wh	4800Wh	5120Wh
Cycles times	≥3000times @80% DOD, 25℃, 0.5C ≥5000times @60% DOD, 25℃, 0.5C			
The Max discharge current	50A	50A	100A	100A
Operating temperature	Charing 0℃~45℃ Discharging -10℃~50℃			
Storage Environment	-10℃~45℃@ 60%±25%			
Dimensions	185*415*590mm			
Weight	About 33Kg		About 65Kg	
Communicate Protocol	CANBus, RS485, RS232			
Certificates	UL1973, IEC62619, UN38.3, ROHS,CE-EMC			



All in One ESS is with 5-20Kwh LiFePO4 Battery and 5KW built-in Inverter. The inverter is equipped with grid monitoring, an independent Disconnection Device (MSD Mains monitoring) with assigned switching devices. It helps reduce the time duration between inverter and battery and it is the ideal choice for a backup battery for your home. The energy storage system is able to supply power to connected appliances using PV power or utility power, as well as battery power. It can also store excess power generated by PV solar panels to be used whenever needed.

Unique Features



All in one design



High efficiency up to 97.60%



String monitoring optional



Easy installation, Plug in and plug out



5KW Built in Inverter



Reactive power cntroller system



Digital controller wtih DC/AC surge protection



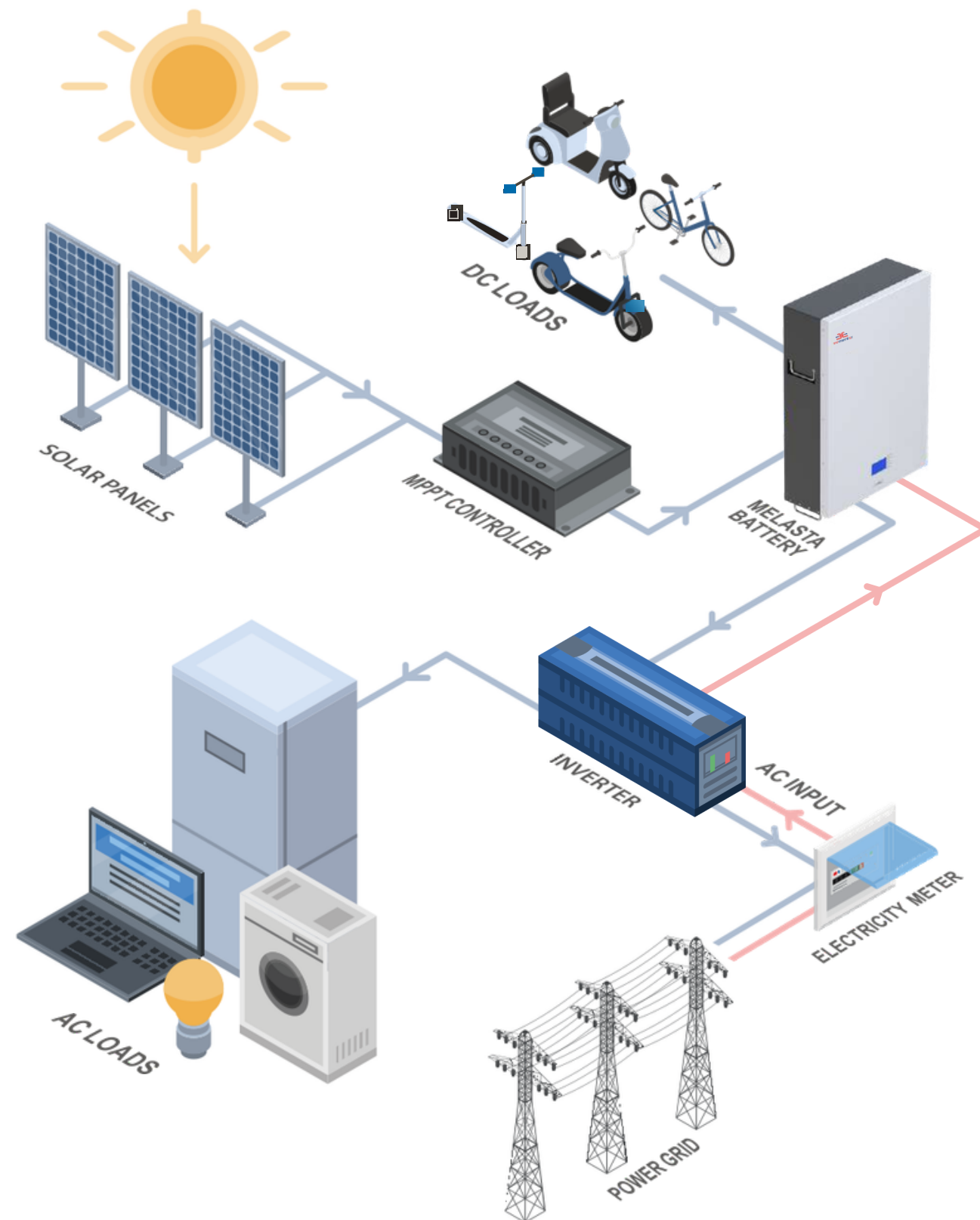
Cloud Data Monitoring

Battery Technical Specification for All in One Series

Inverter Specification	
PV Input	
Number of MPPT	1
Maximum input power	5200W
Maximum input current	18A
Maximum open-circuit voltage	500Vdc
MPPT operating voltage range	120~450Vdc
AC Input	
Input voltage range	170~280Vac
Input frequency range	50Hz/60Hz
Overload current	40A
AC Output	
Rated output power	5000W
Maximum peak power	10000VA
Rated output voltage	230Vac
Rated frequency	50Hz/60Hz
Output waveform	Pure sine wave
Switching time	10ms(Typical value)
Others	
Acoustic Noise	<60dB
Cooling mode	Intelligent air cooling
Maximum efficiency of battery inverter	92%
Protection grade	IP20, Indoor use
Communication	RS485
Ambient temperature	-15~55°C

Battery Specification(single)	
Cell model	IFP48173115 3.2V 100Ah
Combination mode	16S1P
Rated voltage	51.2V
Rated capacity	100Ah
Rated energy	5120Wh
Charging voltage	58.4Vdc
Discharge cut-off voltage	40Vdc
Internal resistance	≤20mΩ
Maximum continuous charging current	100A
Maximum continuous discharge current	100A
Operating temperature range	Charge:0~55°C/ Discharge:-20~55°C
Communication between battery and battery	CANbus
Communication between battery and inverter	RS485

HOW THE BATTERY WORKS



APPLICATIONS



Solar system



RV



EV electric vehicle



Outdoor power supply



Residential ESS



Computer room

CUSTOMIZED BATTERY SOLUTION

Customized Battery with Prismatic Cells

Military Grade Cells

- Well-known brand cells selection such as Panasonic, LG, Samsung, CATL, BYD, Gotion, EVE, Lishen etc.
- 5 cells selection processes to ensure high consistency of cells parameters, long cycles life, more than 3000times (@80% SOC)
- Each cell has an independent CID device to prevent firing
- Green energy, environmental protection and pollution-free

Intelligent BMS

- Customize the BMS to meet your needs
- 8 Functions Smart BMS Protection Board, high energy balancing power
- RS485, CANBus, RS232 Communication Protocol are acceptable
- Monitor the battery situation via mobile APP or cloud system

Dedicate Production

- 14+ years battery production experience, perfect quality management system

Fully automatic laser welding equipment and dedicate riveting assembly process, make the impedance resistance small and performance good.

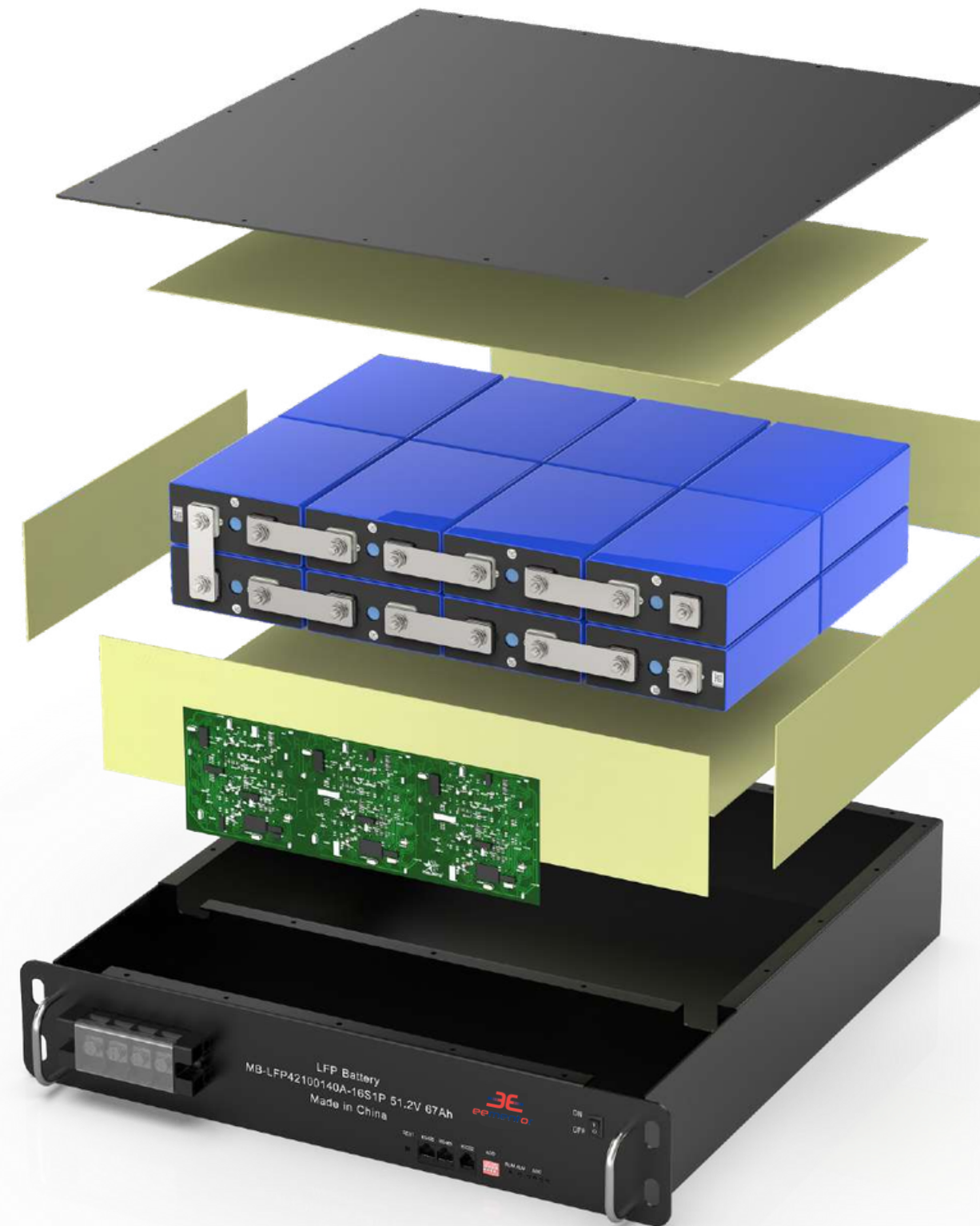
- All batteries are tested for aging before going out to ensure all products are 100% qualified

Customized OEM and ODM Service

- Provide OEM service according to the standardize modules

- Offer customized design battery case according clients needs, 100% ensure the product quality

- Customized the intelligent Software



CUSTOMIZED BATTERY SOLUTION

Customized Battery with Cylindrical Cells

Cells

- Adopt imported battery cells from global top brands and high-performance battery cells made in China

Product Liability Insurance

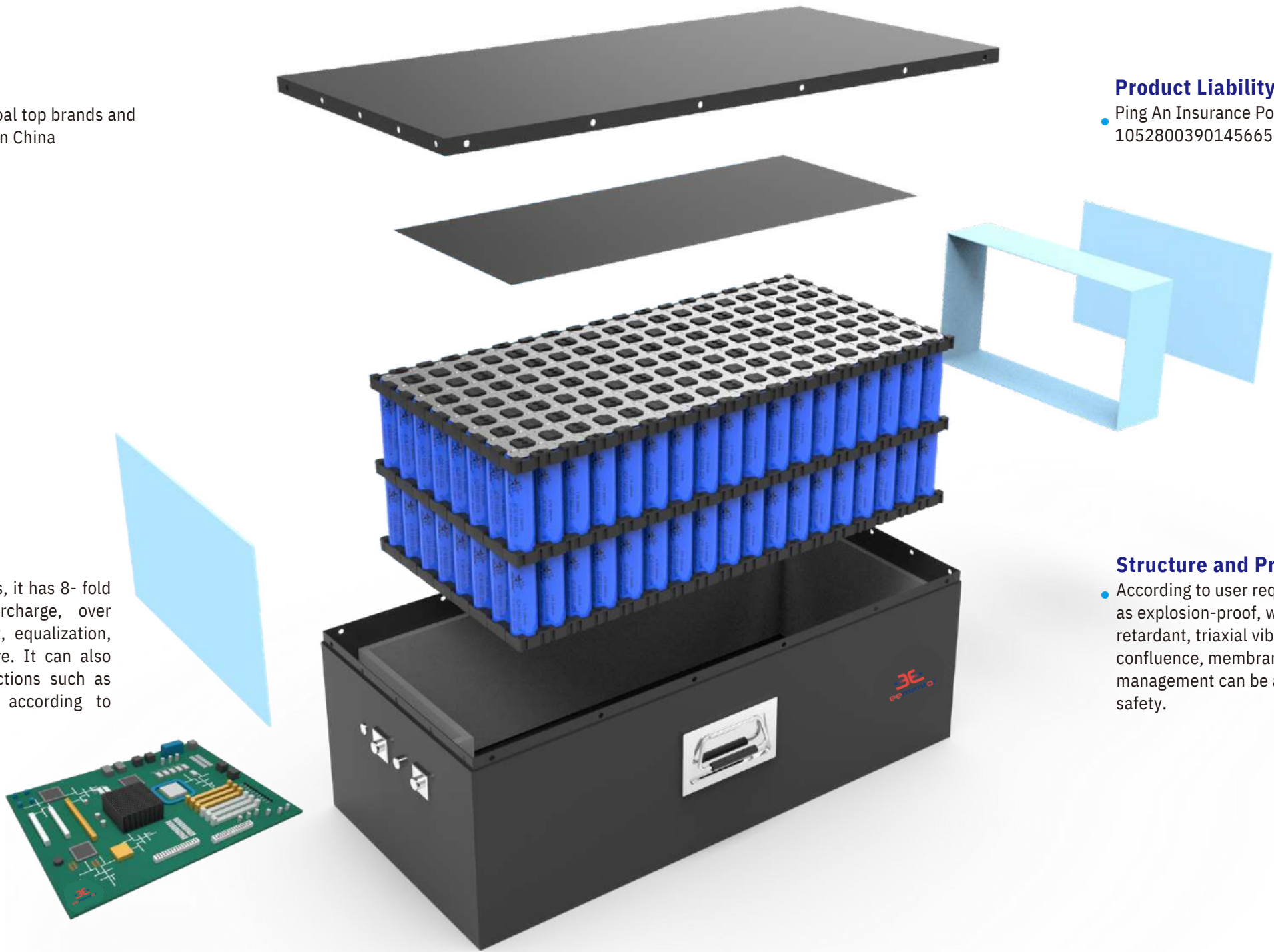
- Ping An Insurance Policy No. of China: 10528003901456656516

Intelligent BMS

- Using imported electronic components, it has 8- fold protection functions such as overcharge, over discharge, over current, short circuit, equalization, reverse charge, and over temperature. It can also provide communication protocol functions such as Bluetooth, WIFI, RS485, and I2C according to customer requirements.

Structure and Process

- According to user requirements, processes such as explosion-proof, waterproof, dustproof, flame retardant, triaxial vibration, module multipoint confluence, membrane heating, and heat balance management can be adopted to ensure product safety.



SOURCE SUPPLY PARTNER



Panasonic

SONY



CATL

Deye



SERMATEC



invtr

Growatt



赣锋锂业
GanfengLithium