



6000 cycles  
at 80% DOD



10 years  
standard warranty



Superior LiFePO4  
safety performance



Low voltage  
safety connection



Max. 10 modules parallel

# Magneto EVO

## LiFePO4 Battery range

- EVO 100 - 5.1 kWh
- EVO 200 - 10.2 kWh
- EVO 280 - 14.4 kWh

**magneto**<sup>®</sup>  
RENEWABLE ENERGY

# Parameters

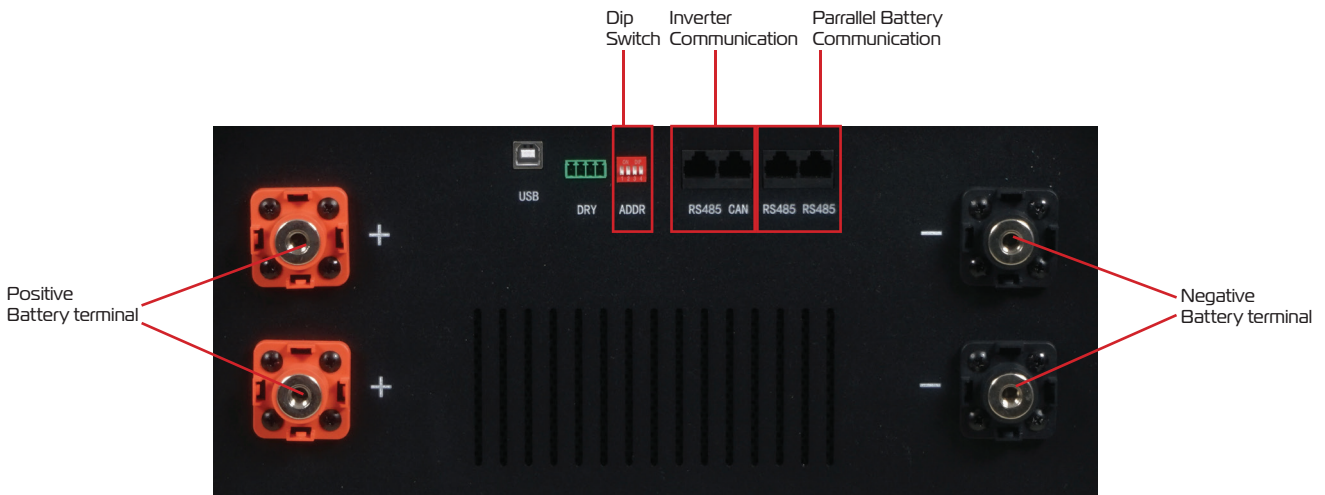
Parameters	IMS202 - EVO100	IMS203 - EVO200	IMS204 - EVO280
Nominal Energy	5.12KWh	10.24KWH	14.4KWH
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	280Ah
Standard Charge Voltage	56V	56V	56V
Max Discharge Current	100A - 1C	150A - 0.75C	200A - 0.7C
Max Charge Current	80A - 0.8C	120A - 0.6C	160A - 0.57C
Discharge Cut-Off Voltage	46.5V	46.5V	46.5V
Parallels Function	Support 10 Units In Parallels		
Communication Interface	RS485, RS232, CAN		
Cycle Life *	≥6000 Cycles (80%DOD)		
Charge temperature range	0~55 C		
Discharge temperature range	-10~60 C		
Dimensions (Length*Width*Depth)	630*480*155mm	660*480*240mm	830*490*240mm
Weight	50Kg	90Kg	120Kg
Installation method	EVO100, EVO200 wall mount		
	EVO280 Floor standing		
Warranty	10 Years (Please see warranty document)		

## Compatible With Inverter Brands

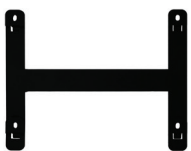
battery BMS supports simultaneous communication and compatible with multiple inverter brands



# Battery Structure



# Battery Pack Accessories



**Model: H-Bracket**  
Details: Simple wall mounting bracket for easy installation.



**Battery parallel communication cable**  
Details: For communication between parallel batteries.



**Battery CAN communication cable**  
Details: for communication with Deye/Sunsynk Solis, Luxpower Inverters.

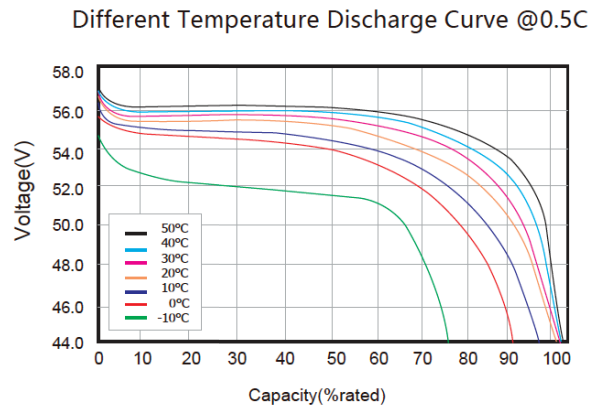
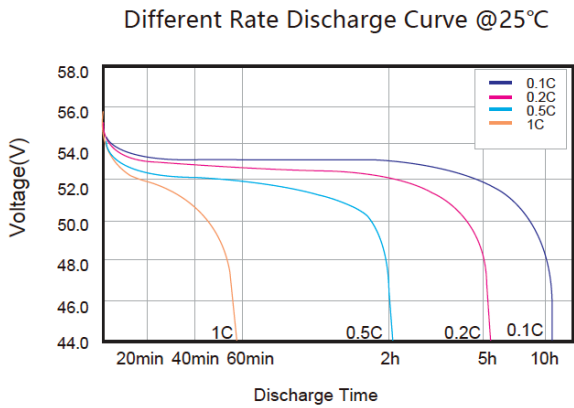


**Battery RS 485 communication cable**  
Details: for communication is Voltronic Inverters.

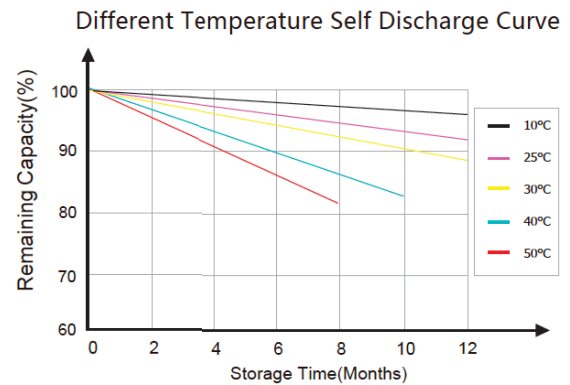
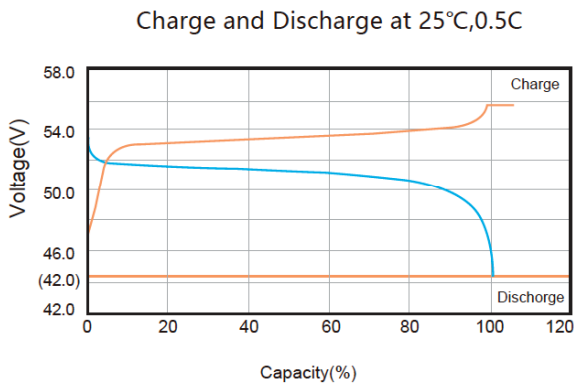


**Battery manual**  
Details: Installation manual

## ● Different current/Temperature Discharge curves



## ● Charging and Discharge curve



## ● Cycle Life Curve

