



ML 280-51.2-W

Lithium Battery

1. Grade A new EVE cells
2. LiFePO₄ cell life cycle could reach 8000 times at 80% DOD and 25°C.
3. High charge /discharge current, Up to 200A.
4. The system adopts a high-performance BMS battery management module. The BMS has the protection function in current, voltage, and temperature, it also makes good communication between the battery system and the host equipment.
5. All intelligent designs, equipped with a centralized monitoring module, realize computer management that can communicate with the remote central control center.
6. Supports Bluetooth and APP functions.
7. Up to 16 batteries can be connected in parallel.
8. 7-year Warranty.





Battery System Specifications

Battery System

Nominal voltage (V)	51.2
Rated Capacity (Ah)	280
Voltage range (V)	44~57.6
Recommended charging voltage(Vdc)	56±0.2
overcharge protects the cell voltage(V)	3.55/3.6
over-discharge protects cell voltage(V)	3.0/2.75
Discharge cut-off voltage(V)	43.2
Rated Energy (kWh)	14.34
Battery type	LFP
Cell type	EVE-280V3
Group approach	16S1P
Maximum charging current (A)	200
Recommended charging current (A)	60
Charging operating temperature (°C)	0~50°C
Maximum discharge current (A)	200
Recommended discharge current (A)	60
Discharge operating temperature (°C)	-20~55°C
Battery net weight(KG)	140
Battery size (L×W×H:mm)	450*180*1200±2
Package Method	woodencase
Cycle @80% DOD & 25°C	8000
Communication protocols	RS485 /CAN
Bluetooth function/LCD display	YES
Parallel function	YES

Match the inverter

GoodWe, Growatt, SMA, Sungrow, Crestec,
Shouhang, Deye, Jinlang, Sanjing, INVT,
Riyueyuan, Shuori, Meixerox, etc.
support the Peneng agreement

