

ML628-51.2-W

1. LiFePO₄ cell life cycle could reach 8000 times at 80% DOD and 25° C.
2. 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 .
3. All intelligent designs, equipped with a centralized monitoring module, realize computer management that can communicate with the remote central control center.
4. Supports Bluetooth and App functions.
5. Up to 15 batteries can connected in parallel.
6. 7-years warranty.



Battery System Specifications

Product Type **ML628-51.2-W**

Rated Voltage (V)	51.2
Voltage Range (V)	46.4~56.8
Rated Capacity (Ah)	628
Rated Energy (kWh)	32.15
Battery Type	Lithium Iron Phosphate (LFP)
Cell Arrangement	16S2P
Rated Charge Current (A)	200
Max Charge Current (A)	300
T Charging (°C)	0~45 °C
Rated Discharge Current (A)	200
Max Discharge Current(A)	300
T Discharging (°C)	-20~55 °C
Product Weight(KG)	287±2
Size (L× W× H:mm)	481*718*750mm
Cycle times @80%DOD, 0.5C/0.5C	8000
Communication Protocol	RS485 /CAN
Display	LCD Touch Screen
Bluetooth /WIFI function	Support
Parallel Function	Support, up to 15 sets
Certification	UN38.3/MSDS

Matched Inverter Goodwe, Growatt, SMA, Sungrpw, Kstar, Sofar, Deye, Ginlong Invt, Victron, Voltronic, support Pylon protocol.