

12V100AH

LFP LI-ION BATTERY

(6000+)

Safety

- Prismatic LiFePO4 cells, Longer cycle life and much more safety.
- UN38.3,CE,MSDS certification for cell.
- UN38.3,CE,MSDS certification for system.
- The cycle life over 6000 times @80%DOD

Design

- ABS container, replace VRLA battery perfectly. .
- Fast charge performance,
- -20~+55°C widely temperature range.
- Maintenance free.

Battery Management System (bms)

- Integrated hardware BMS inside.
- Independent protection for charge and discharge.
- OVP, LVP, OTP, Short circuit protection.
- For more information, contact with..sales@jsdsolar.com



Ritar Lithium Iron Phosphate LiFePO4 Battery pack with Ritar unique Triple-safety protection with high performance and prominent long life, with 20 times longer cyclic life than SLA battery to save cost and energy, up to 50% lighter than SLA battery to save logistic cost (Anti-thief system + GPS as optional).



Specification

Model	J12100
Nominal voltage [V]	12.8
Nominal capacity [Ah]	100
Total energy [Kwh]	1.28
Product dimension [W*D*H]	260*168*215 mm
Product weight	9.5±0.5 Kg
Max. charging current [A]	100
Charge Mode	@0.2C(A) to 14.6V ,then @14.6V till charge current<0.05C(A) (CC,CV)
Charging voltage [V]	14.6
Max. discharging current [A]	100
End of discharge voltage [V]	11.2
Protection class	IP65
Operating humidity	0-95 %RH (No condensing)
Operating temperature range	Charge: 0 ~ +50 °C Discharge: -20 ~ +55 °C
Storage temperature range	-20 ~ +60 °C / -4 ~ +140°F
Communication interface	/
BMS Functions	Cell Voltage/Current Balance, Temperature, MOSFETS
Protection	Over voltage , Low voltage , Over current,Over Temperature, Low Temperature Short circuit
Certification	UN38.3, CE,MSDS
Support Concatenation	Max 4 PCS
Support Parallel Connection	Max 4 PCS

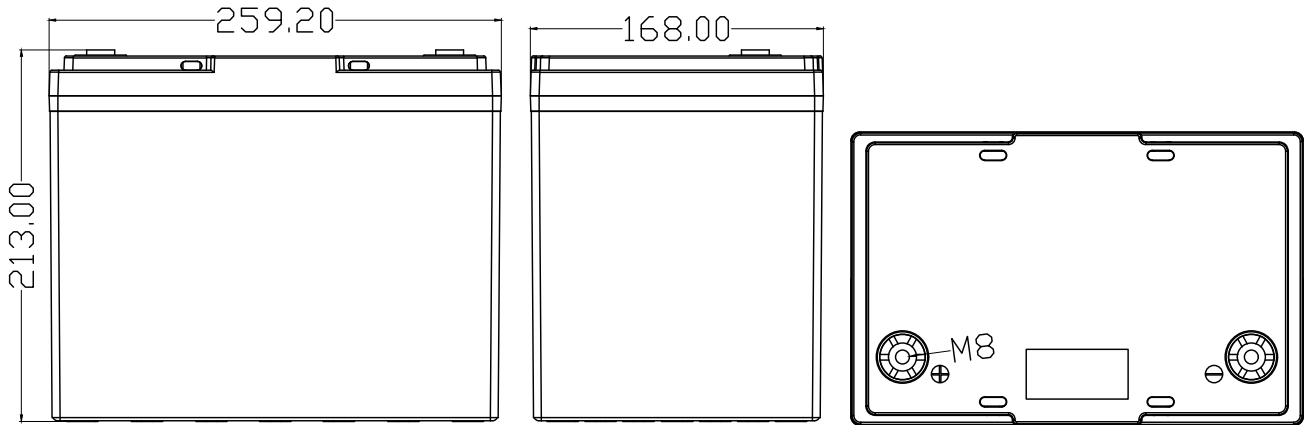
Note:

1. 100% DOD and to 80% of initial capacity.

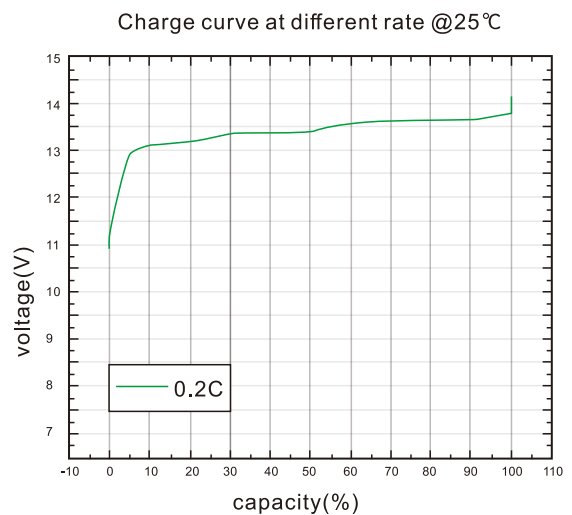
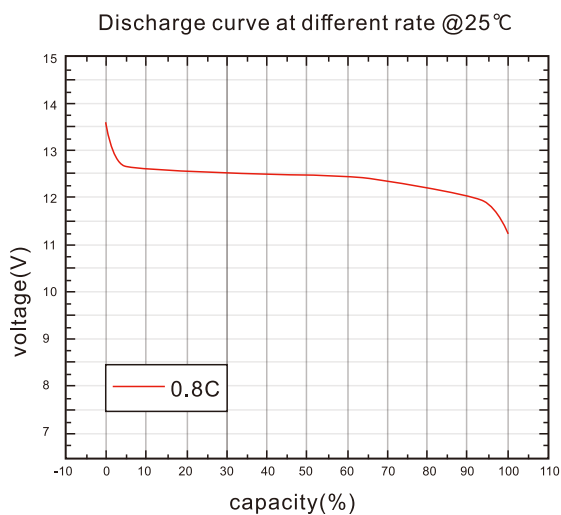
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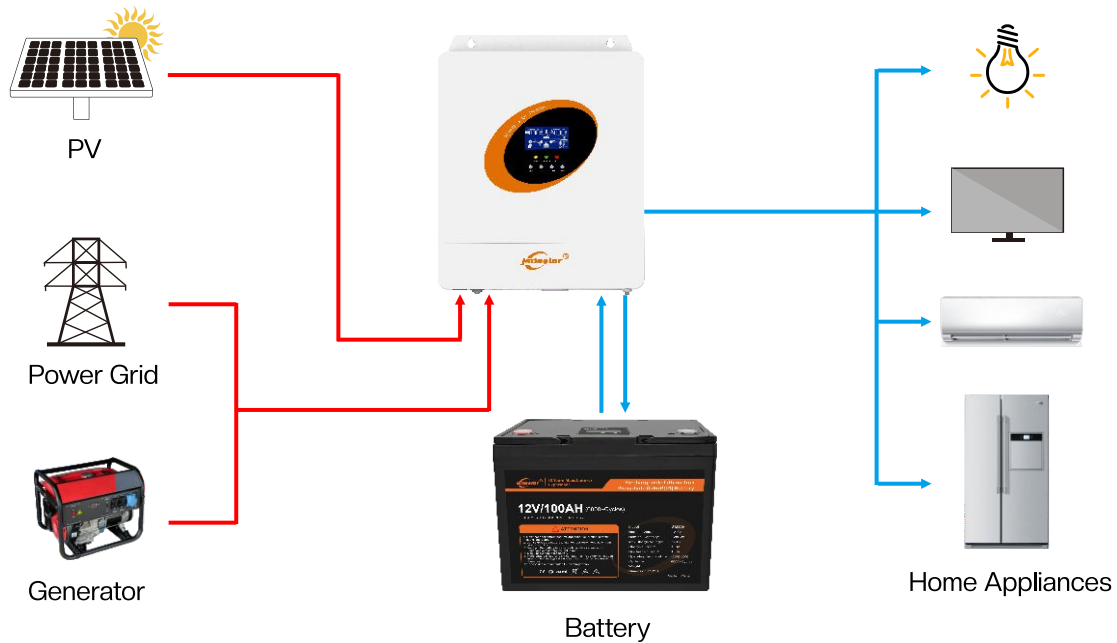


The following is the 12V 100AH battery module for your reference.
For more information, please [click here](#) to contact us

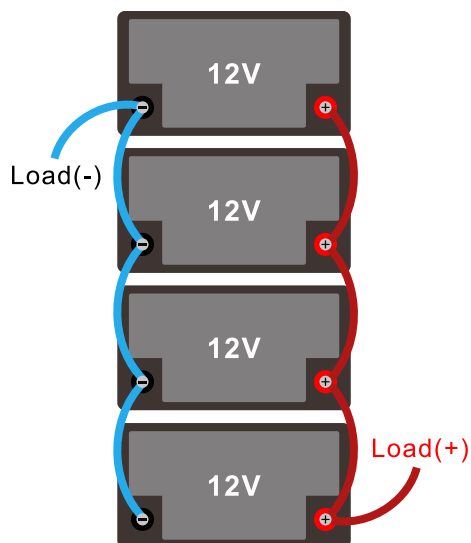


Battery discharge stability
Number of battery depth cycles

Product Applications



Connection Parallel (Maximum 4 Batteries)



Connection In Series (Maximum of 4 Batteries)

