

SPECIFICATION

PERFORMANCE CHARACTERISTICS TYPICAL

Capacity	100Ah
Voltage (Nominal)	12.8V
Discharge Energy	1280WH
Max Cont. Discharge Current @ 25°C	100A
Max Pulse Discharge Current @ 25°C, 10s	120A
Max Cont. Charge Current @ 25°C	100A
Max Pulse Charge Current @ 25°C, 10s	120A
DC Resistance	≤10mΩ
Specific Energy	≤140W/Kg

OPERATION RANGE TYPICAL

Full Charged Voltage	14.6V
Discharge Cut-off Voltage	10V
Operate Temperature Range	Charge: 0°C~55°C; Discharge: -20°C~55°C; Storage: -20°C~45°C

MECHANICAL SPECIFICATIONS TYPICAL

Dimensions (L*H*T)	326*171*215mm
Weight	13±0.05kg
Terminal Type	Screw
Chemistry	Lithium Ferro phosphate

CYCLE LIFE TYPICAL

100% DOD Cycles @ 25°C, 1C/1C	≥2000 cycles*
100% DOD Cycles @ 45°C, 1C/1C	≥1200 cycles*
80% DOD Cycles @ 25°C, 1C/1C	≥3000 cycles*
50% DOD Cycles @ 25°C, 1C/1C	≥5000 cycles*

*Cycle life to 80% of rated capacity

Why Choose Genixgreen Lithium Battery



Powerful and Reliable



Environmental Friendly



Intelligent Bluetooth BMS



Built-in Safety Protection



APP Monitor



5 ~ 8 Years Service Life



Support In Parallels & Series Connection



JLS-12100FP



MSDS



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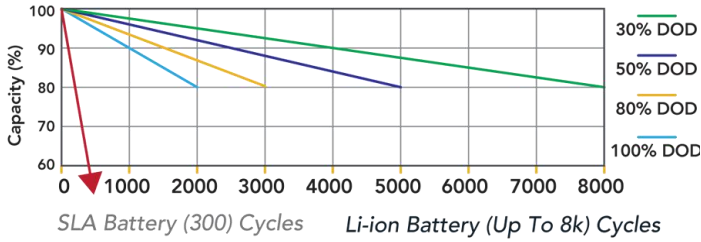
Wechat: 86 186 8218 9026



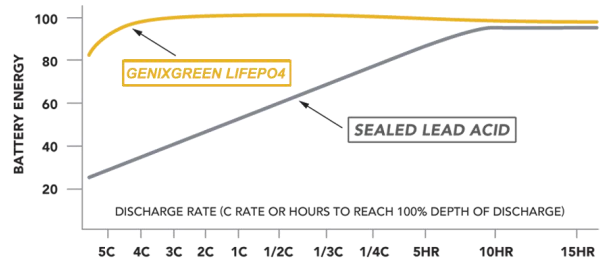
Wechat QR code

CURVES

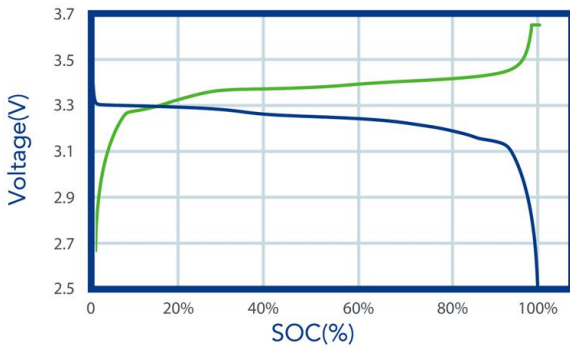
Cycle Life @ 1C - LiFePO4 VS. SLA



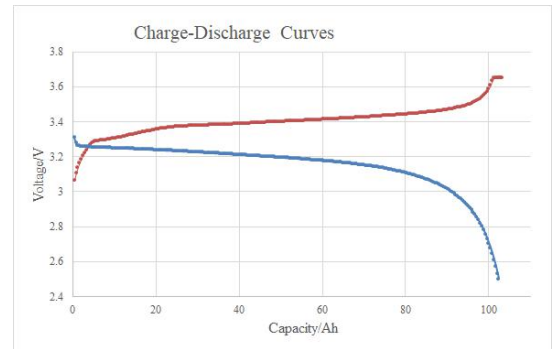
Energy Capacity VS. Discharge Rate



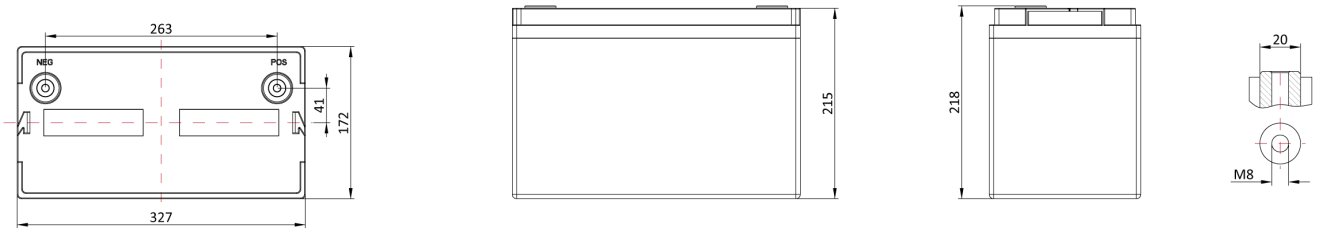
Charge / Discharge Curve SOC%



Charge / Discharge Curve Capacity/Ah



MECHANICAL Drawings (mm)



APPLICATION



Off-grid Solar ESS

RV / Camper Power

Marine / Yacht

Camping Power Supply

Night Fishing Power