

BG-12300

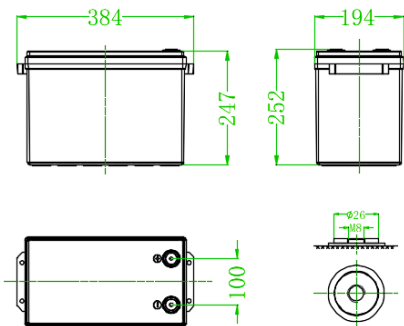
12V 300Ah

LiFePO4

Lithium Iron Phosphate
Deep Cycle Battery



Physical Dimension-mm



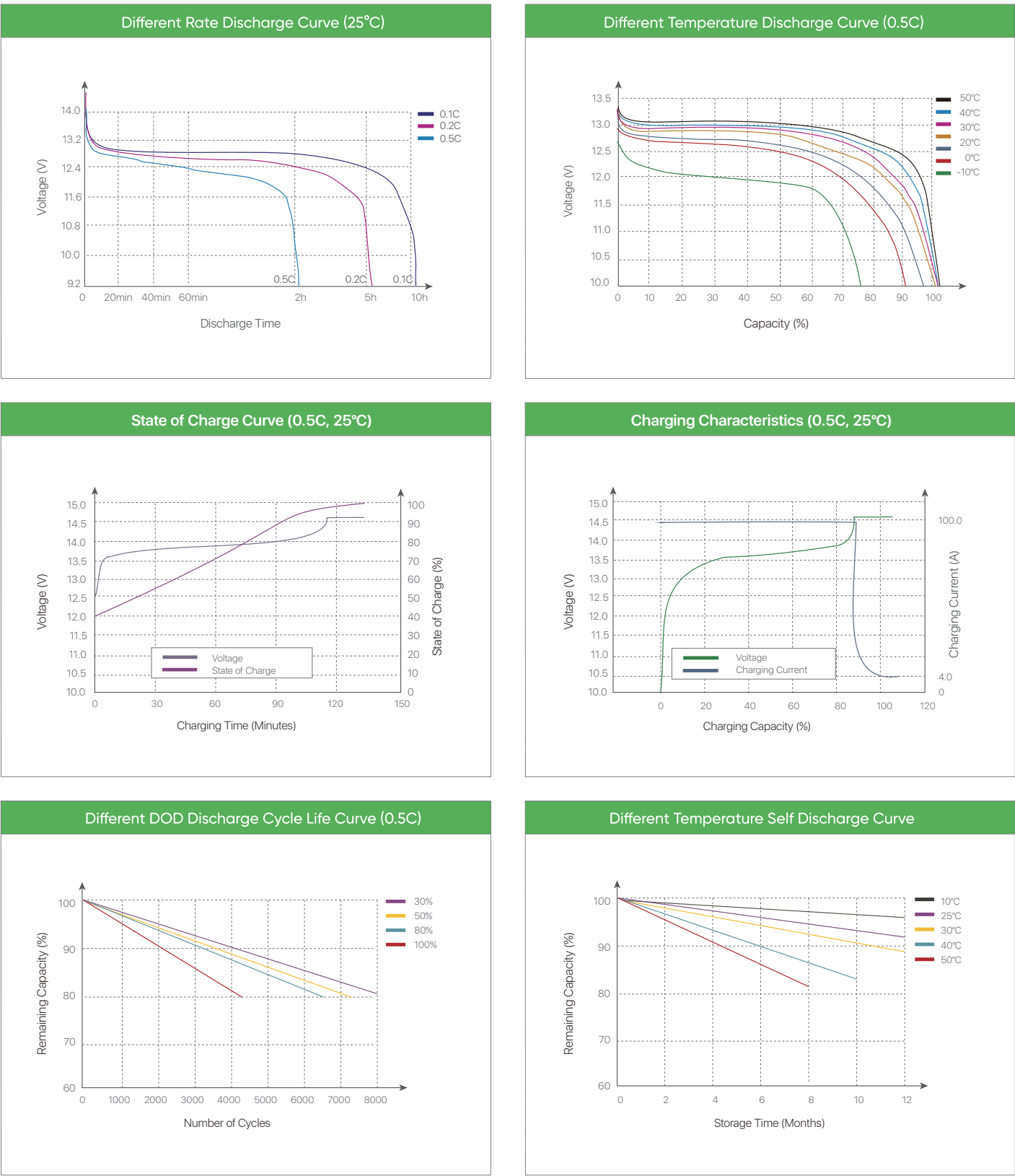
Specification			
Nominal Voltage	12.8V	Max. Continuous Discharge Current	150A
Nominal Capacity	300Ah / 3840Wh	Peak Discharge Current	450A±160A (0.5-1.5S)
BMS	Bluetooth with Smartphone App	Discharge Cut-off Voltage	10V±0.5V
Cycle Life	>6000 cycles @0.5C / 80%DOD	Charge Temperature	0°C~55°C @60±25% Relative Humidity
Months Self Discharge	<3%	Discharge Temperature	-20°C~60°C @60±25% Relative Humidity
Eciency of Charge	100% @0.5C	Storage Temperature	-20°C~45°C @60±25% Relative Humidity
Eciency of Discharg	96~99% @0.5C	Protection Class	IP65
Charge Voltage	14.2~14.6V	Approx. Dimensions	384*194*255mm
Charge Mode	0.2C to 14.6V, then change to 0.02C (CC/CV)	Approx. Weight	27kg
Recommended Charge Current	100A	Terminal	M8
Max. Charge Current	150A	Maximum Modules in Series&Parallel	4S4P
Charge Cut-off Voltage	14.6V±0.2V	Monitoring Option	Heating and Active equalization



-  **Lighter Weight**
About 40% of the weight of a comparable lead acid battery.
Easy to replace lead acid batteries.
-  **Higher Power**
Delivers twice power of lead acid battery.
Higher discharge rate, while maintaining high energy capacity.
-  **Longer Cycle Life**
Offers up to 20 times longer cycle life and
five times longer float/calendar life than lead acid battery.
-  **Superior Safety**
Lithium Iron Phosphate chemistry eliminates the risk of explosion
or combustion due to high impact, overcharging or short circuit.

12V300AH

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(Note) All above information shall be changed without prior notice, Basen reserves the right to explain and update the latest information.