



INFINITY LITHIUM

PLATINUM + 12.8V

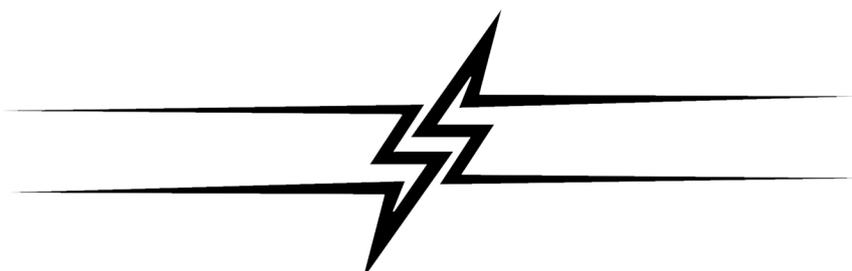
5 YEAR
WARRANTY
LiFe PO4



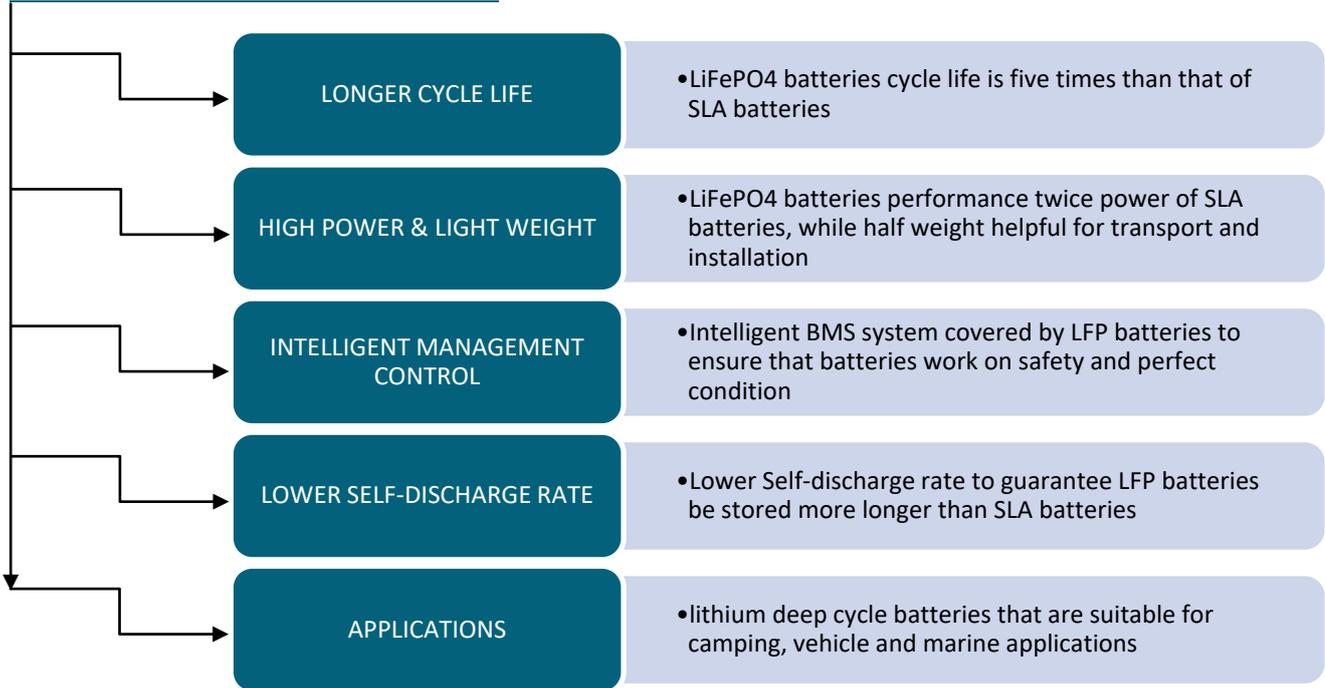
300AH SPECIFICATIONS



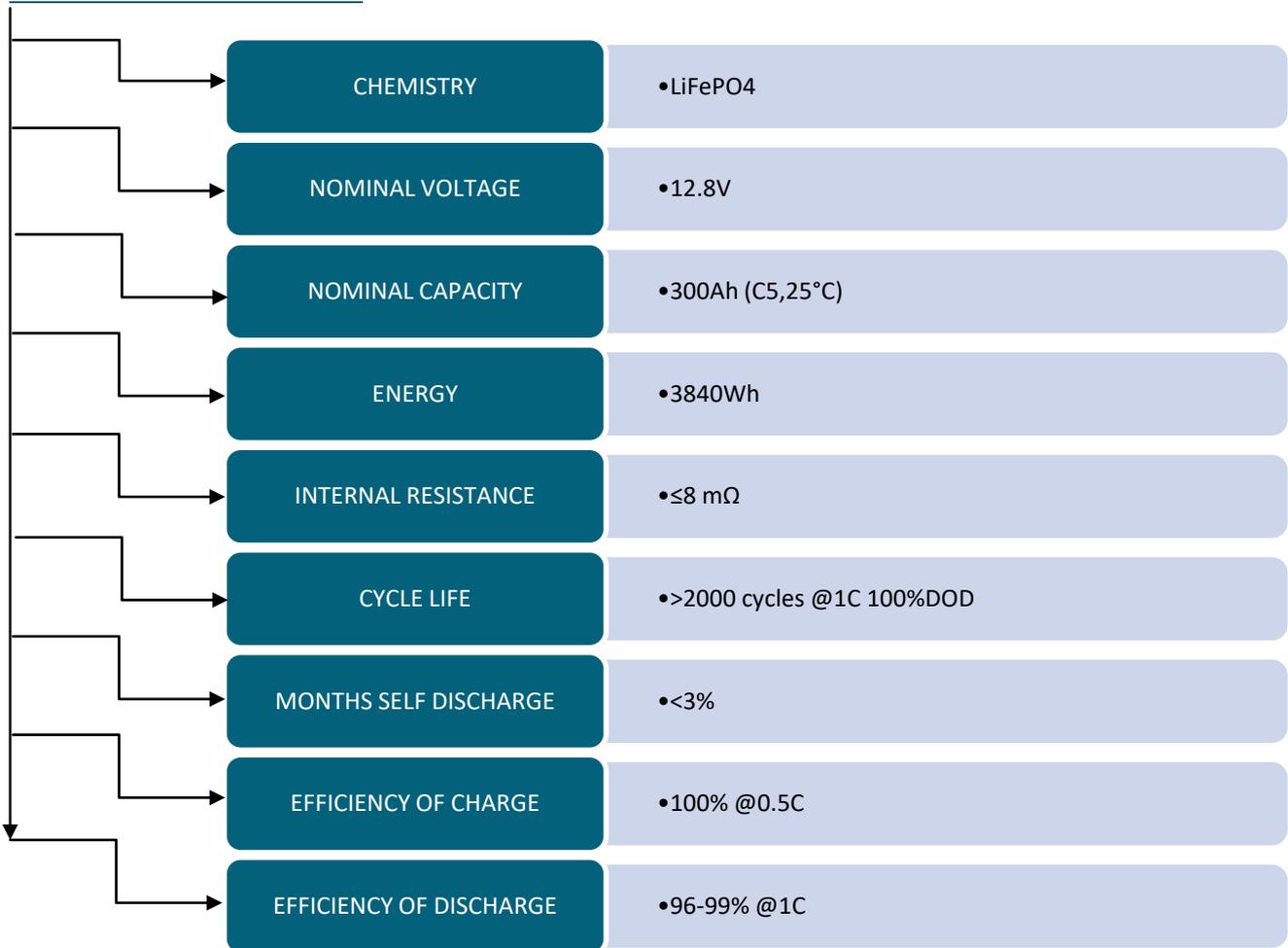
Designed for maximum performance and longevity, these batteries offer a superior alternative to traditional lead-acid batteries. Reliable, powerful, and smart our Lithium Batteries are your go-to power solution for all your needs.



FEATURES OF INFINITY LIFEPO4 BATTERY



ELECTRICAL CHARACTERISTICS



STANDARD CHARGE

CHARGE VOLTAGE	•14.6±0.2V
CHARGE MODE	•0.2C to 14.6V, then 14.6V,charge current to 0.02C (CC/CV)
CHARGER CURRENT	•150A
MAX. CHARGE CURRENT	•200A
CHARGE CUT-OFF VOLTAGE	•14.6V±0.2V

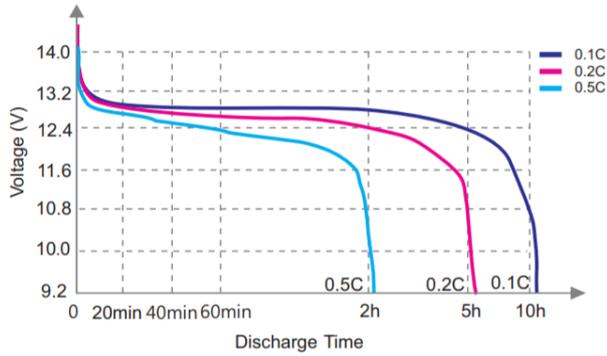
STANDARD DISCHARGE

MAX DISCHARGE CURRENT	•200A
MAX. PULSE CURRENT	•900A(<3s)
DISCHARGE CUT-OFF VOLTAGE	•10V
CHARGE TEMPERATURE	•0 °C to 45 °C (32Fto 113F) @60±25% Relative Humidity
DISCHARGE TEMPERATURE	•-20 °C to 60 °C (-4F to 140F) @60±25% Relative Humidity
STORAGE TEMPERATURE	•0 °C to 40 °C (32Fto 104F) @60±25% Relative Humidity
WATER DUST RESISTANCE	•IP67

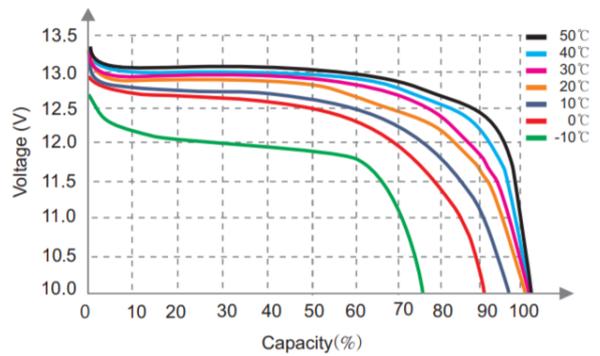
MECHANICAL

BMS	•200A 4P only
PLASTIC CASE	•ABS
DIMENSIONS	•345*190*245 mm
WEIGHT (KG.)	•24.4kg
TERMINAL	•M8

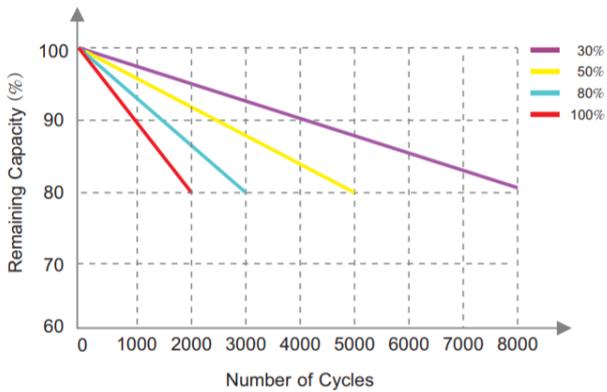
Different Rate Discharge Curve(25°C)



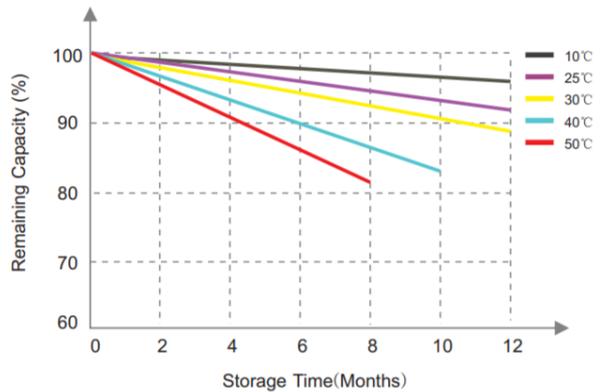
Different Temperature Discharge Curve(0.5C)



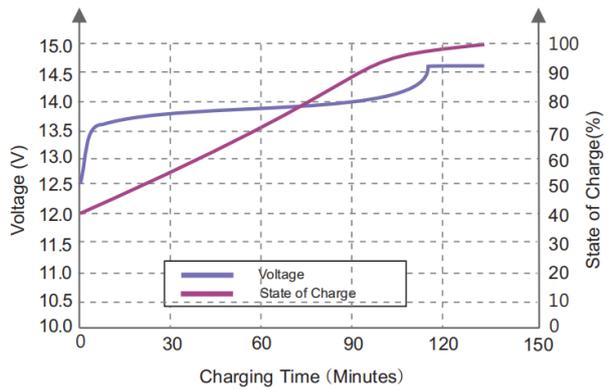
Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve



State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)

