

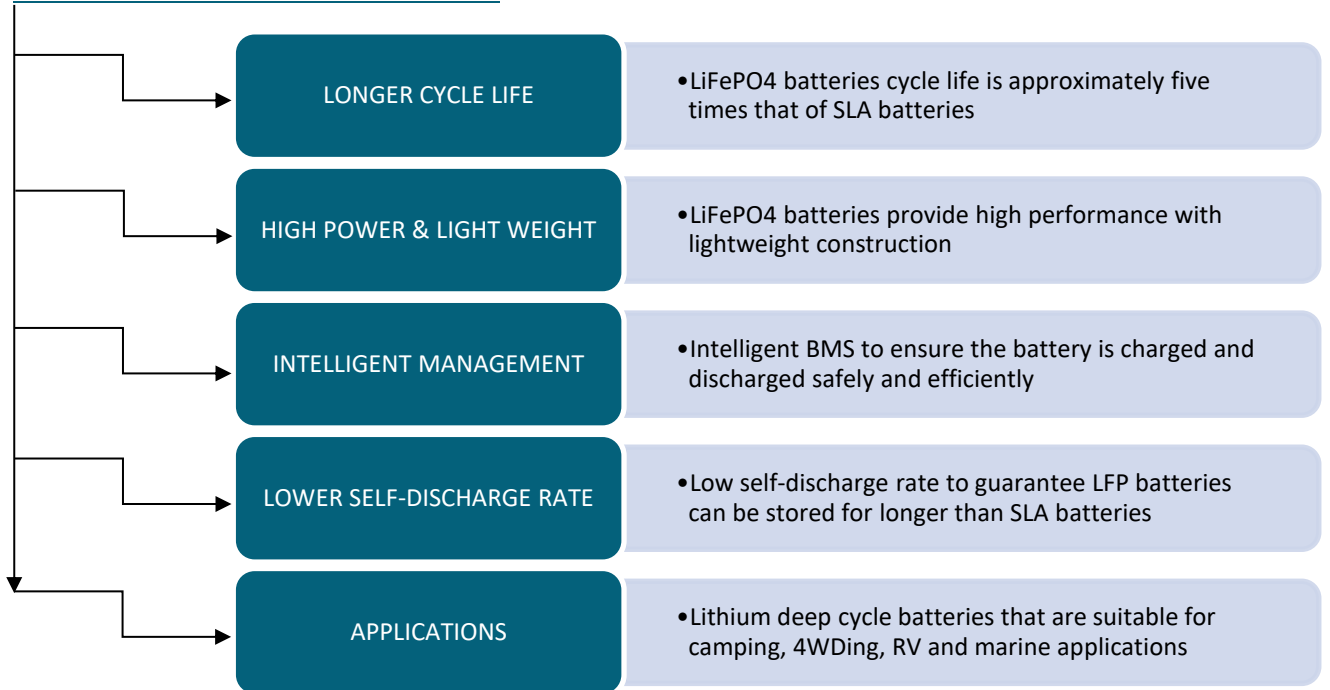


# INFINITY LITHIUM

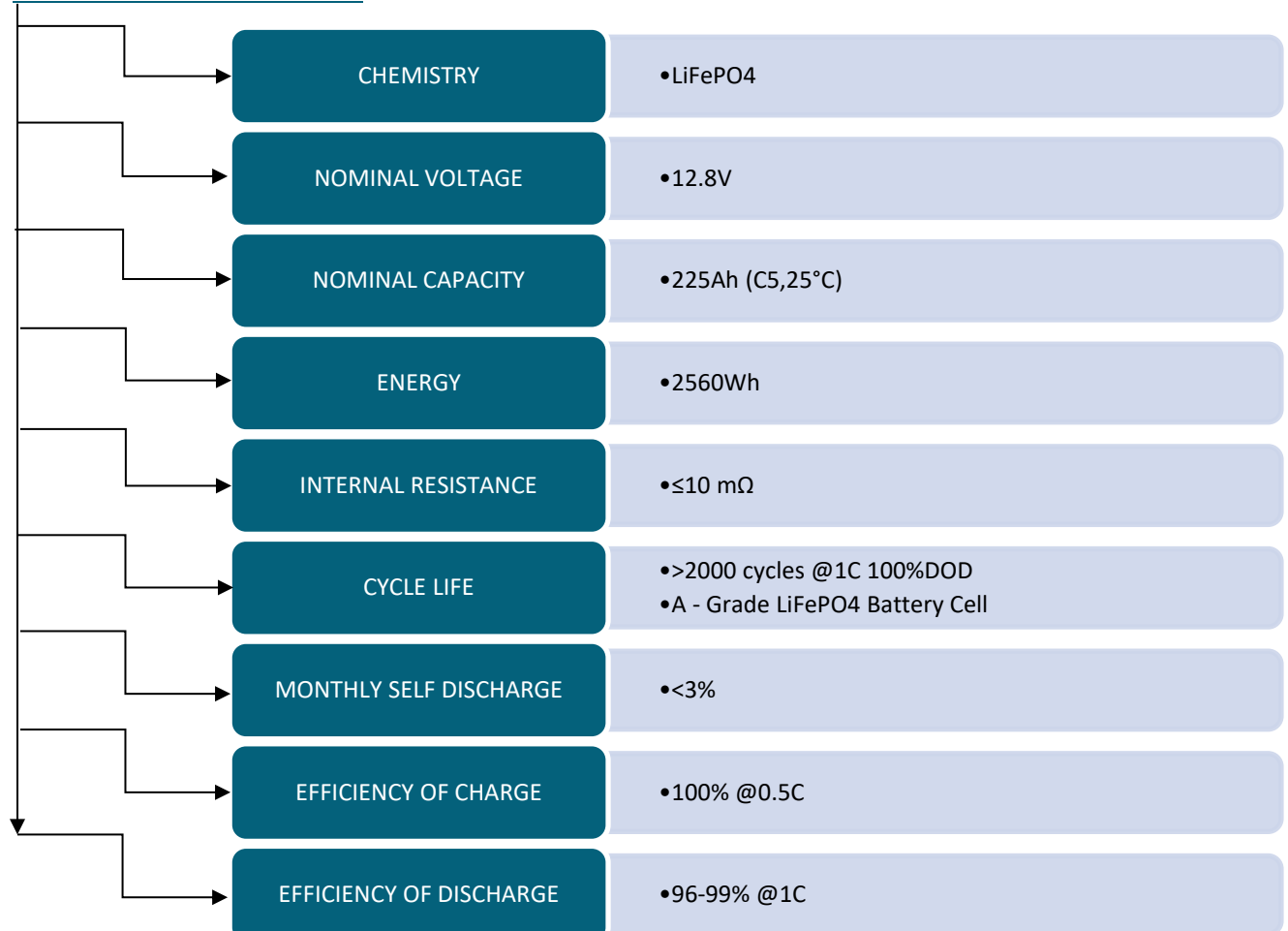
225AH  
PLATINUM + 12.8V

5 YEAR WARRANTY  
LiFe PO4

## FEATURES OF INFINITY LIFEPO4 BATTERY



## ELECTRICAL CHARACTERISTICS





**INFINITY** 225AH  
**LITHIUM**  
PLATINUM + 12.8V

**5** YEAR  
WARRANTY  
LiFe PO4

### STANDARD CHARGE

CHARGE VOLTAGE	•14.6±0.2V
CHARGE MODE	•0.2C to 14.6V, then 0.02C (CC/CV)
CHARGER CURRENT	•100A
MAX. CHARGE CURRENT	•200A
CHARGE CUT-OFF VOLTAGE	•14.6V±0.2V

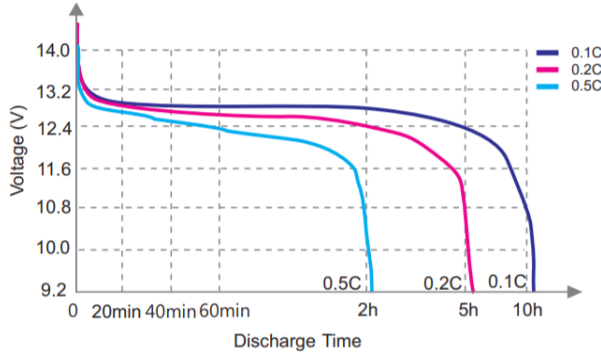
### STANDARD DISCHARGE

MAX DISCHARGE CURRENT	•200A
MAX. PULSE CURRENT	•600A(<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

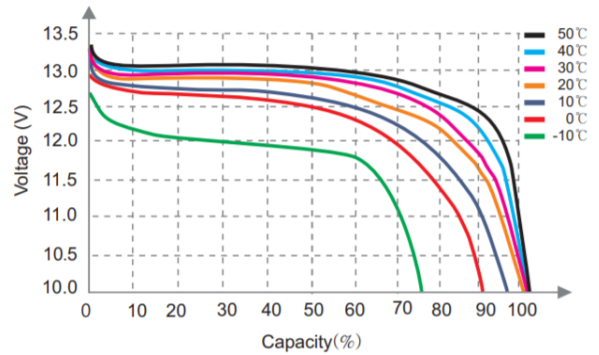
### MECHANICAL

BMS	•200A 1S4P
PLASTIC CASE	•ABS, V0 flammability rating
DIMENSIONS	•345*190*245 mm
WEIGHT (KG.)	•19.7Kg
TERMINAL	•M8

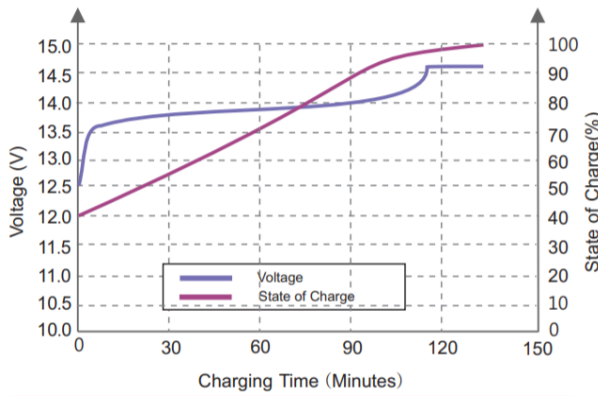
**Different Rate Discharge Curve(25°C)**



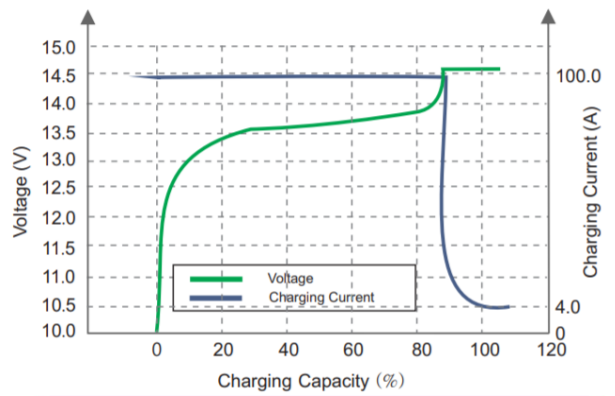
**Different Temperature Discharge Curve(0.5C)**



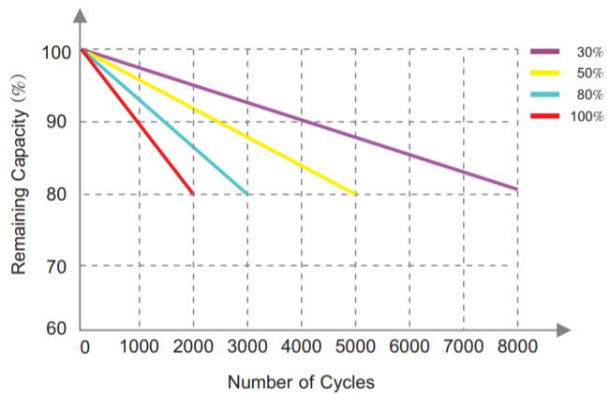
**State of Charge Curve(0.5C, 25°C)**



**Charging Characteristics(0.5C, 25°C)**



**Different DOD Discharge Cycle Life Curve(0.5C)**



**Different Temperature Self Discharge Curve**

