



PREDATOR
BATTERIES LTD

PR12-100D-BH

12.8V100AH

LiFePO4 Lithium Battery

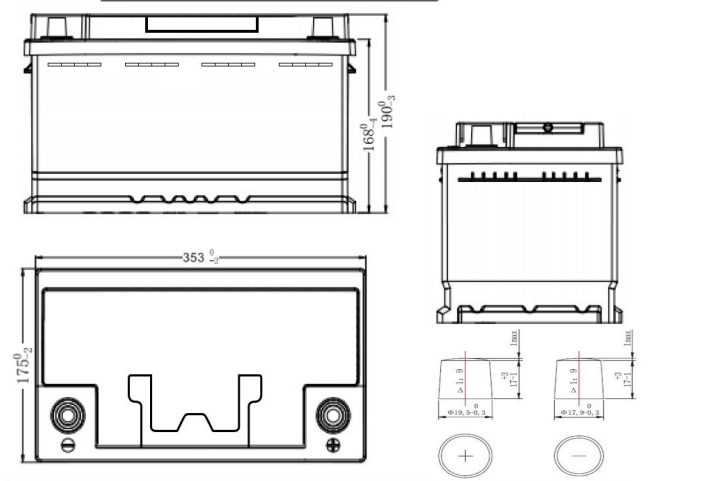
Specification - Bluetooth & Heating

Cells Per Unit	4
Voltage Per Unit	12.8
Capacity	100Ah@25°C
Weight	10.5Kg(Tolerance±3.0%)
Total Energy [Wh]	1280
Terminal	F10(M8)
Max. Discharge Current	100A
Design Life	10 years
Max. Charging Current	100A
Nominal Capacity	100AH(100%DOD,@ 25)
Charging Voltage	14.2V~14.6V
End of Discharge Voltage	11.2 V
Operating Temperature Range	Charge: 0 ~ +50°C Discharge: -20 ~ +55°C With Heater: Charge/Discharge -20~+55°C
Cycle Life	>3500 (0.5C,80%DOD)
Parallel Support	Yes, Max. 4 Sets
Series Support	Yes, Max. 4 Sets



Dimensions

● Outer dimensions (mm)



SAFETY

- + Long life type prismatic LiFePO4 cells (104Ah).
- + Cell certification: UN38.3, ROHS, IEC62619, UL1973 and UL9540A
- + Battery certification: UN38.3, MSDS, CE
- + The cycle life over 3500 times

DESIGN

- + ABS case, better than traditional case. Fast charge + performance.
- + IP 65 Class , Replace VRLA battery perfectly
- + Maintenance free.

BATTERY MANAGEMENT SYSTEM

- + Integrated Software BMS inside.
- + Independent protection for charge and discharge. OVP, LVP, OTP, LTP, Short circuit protection.
- + Optional Parts: Bluetooth Module (Built-in),Heater

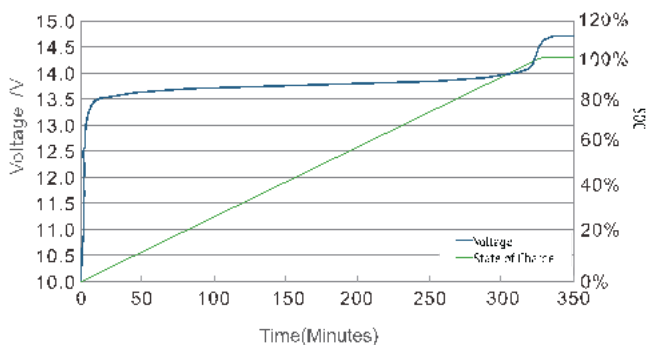


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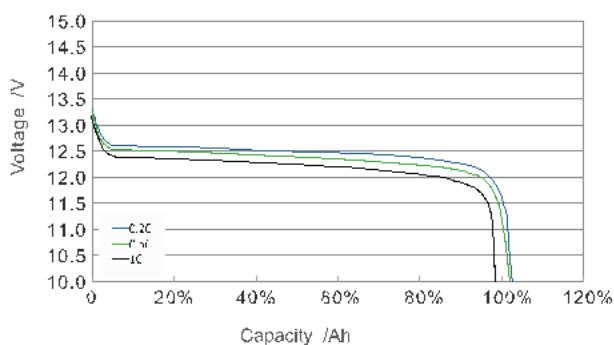
PR12-100D-BH

12.8V200AH
LiFePO4 Lithium Battery

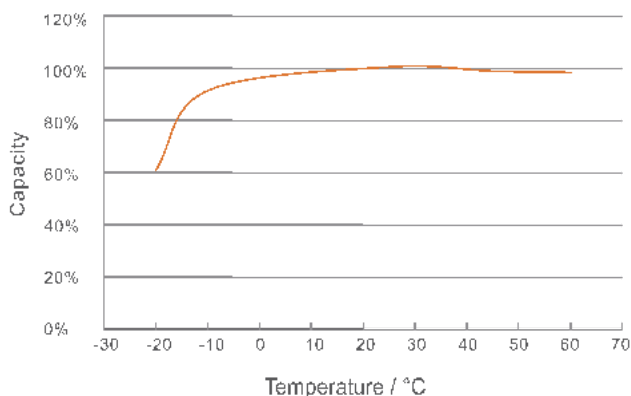
**CHARGE VOLTAGE and STATE OF CHARGE (SOC)
CHARGE 0.2C@25 °(77°F)**



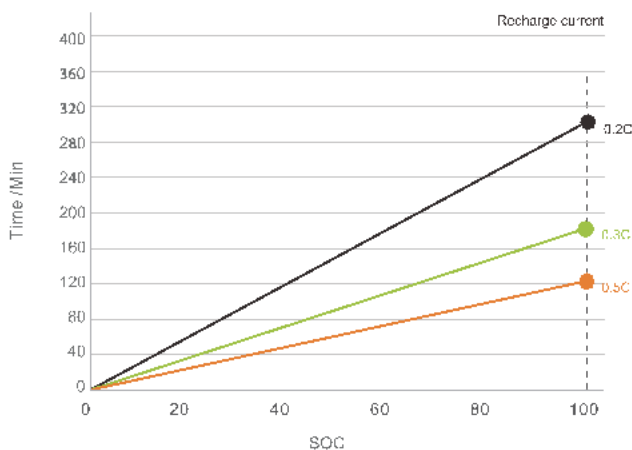
**DISCHARGE VOLTAGE CHARACTERISTICS at
VARIOUS RATES 25°C (77°F)**



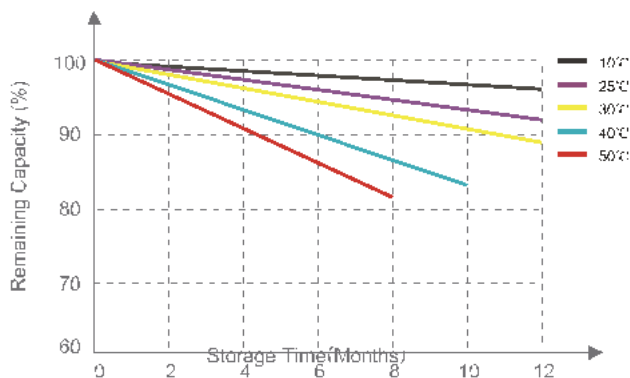
CAPACITY WITH DIFFERENT TEMPERATURE



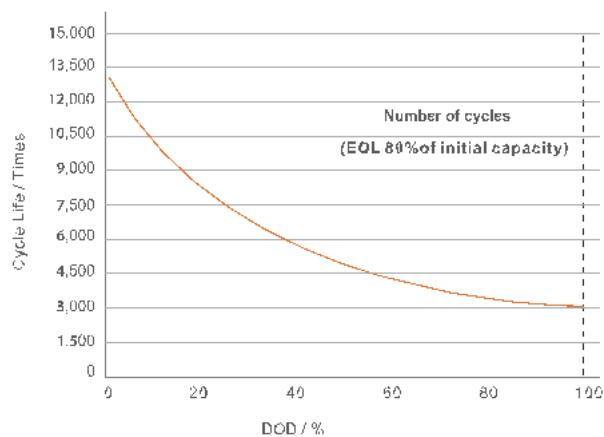
TYPICAL RECHARGE TIME



**DIFFERENT TEMPERATURE SELF DISCHARGE
CURVE**



TYPICAL CYCLE LIFE



www.predatorbatteries.tech

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