

LiFePO4 Battery

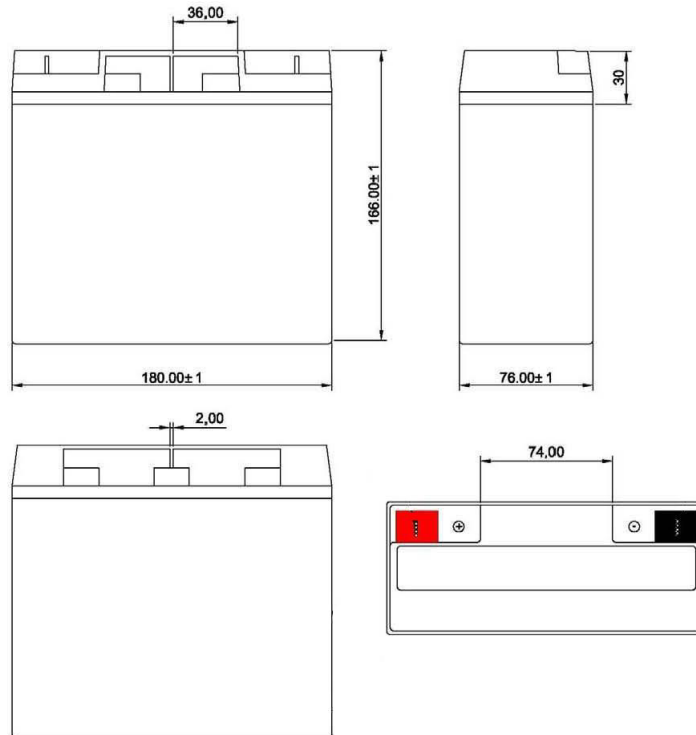
YT12170F

----- Specification -----

1. Preface:

This document describes the Product Specification of the LiFePO4 battery supplied by BatterySpace.com, replace SLA battery for UPS,E-bike, alarming system etc.

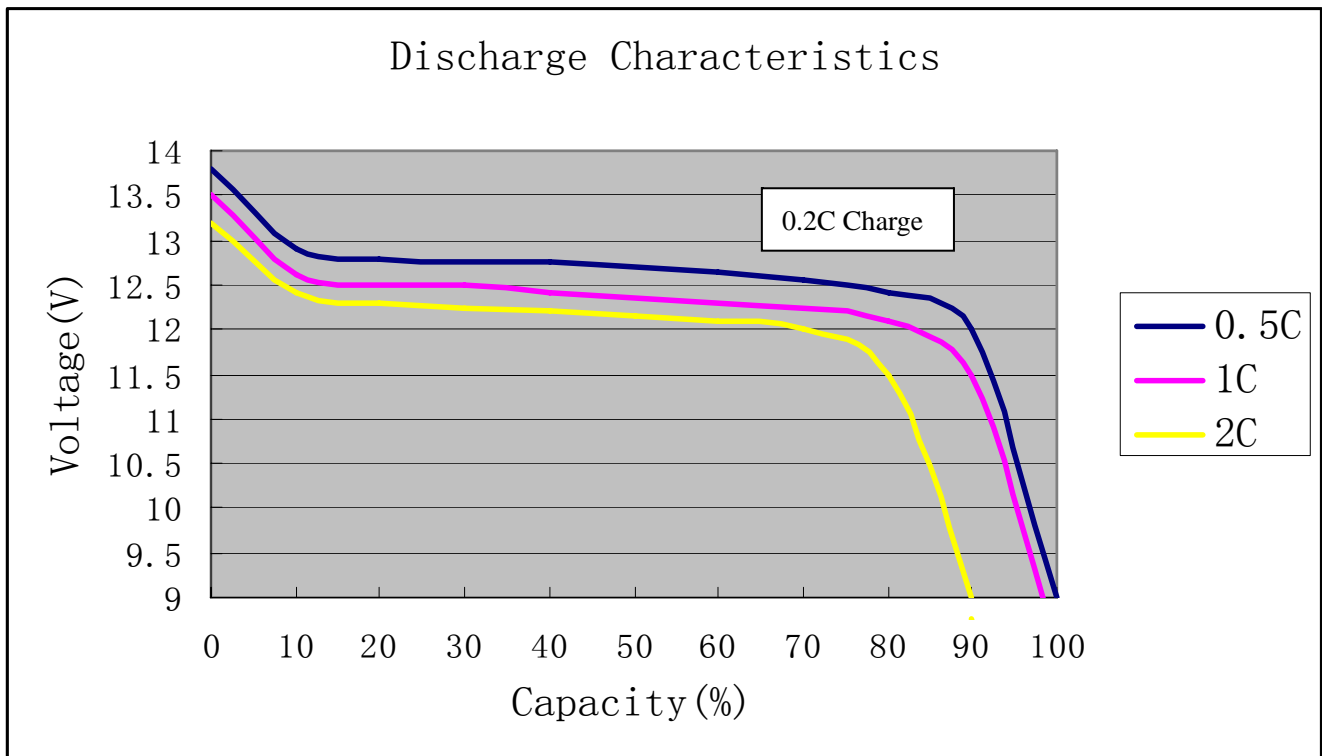
2. Drawing:



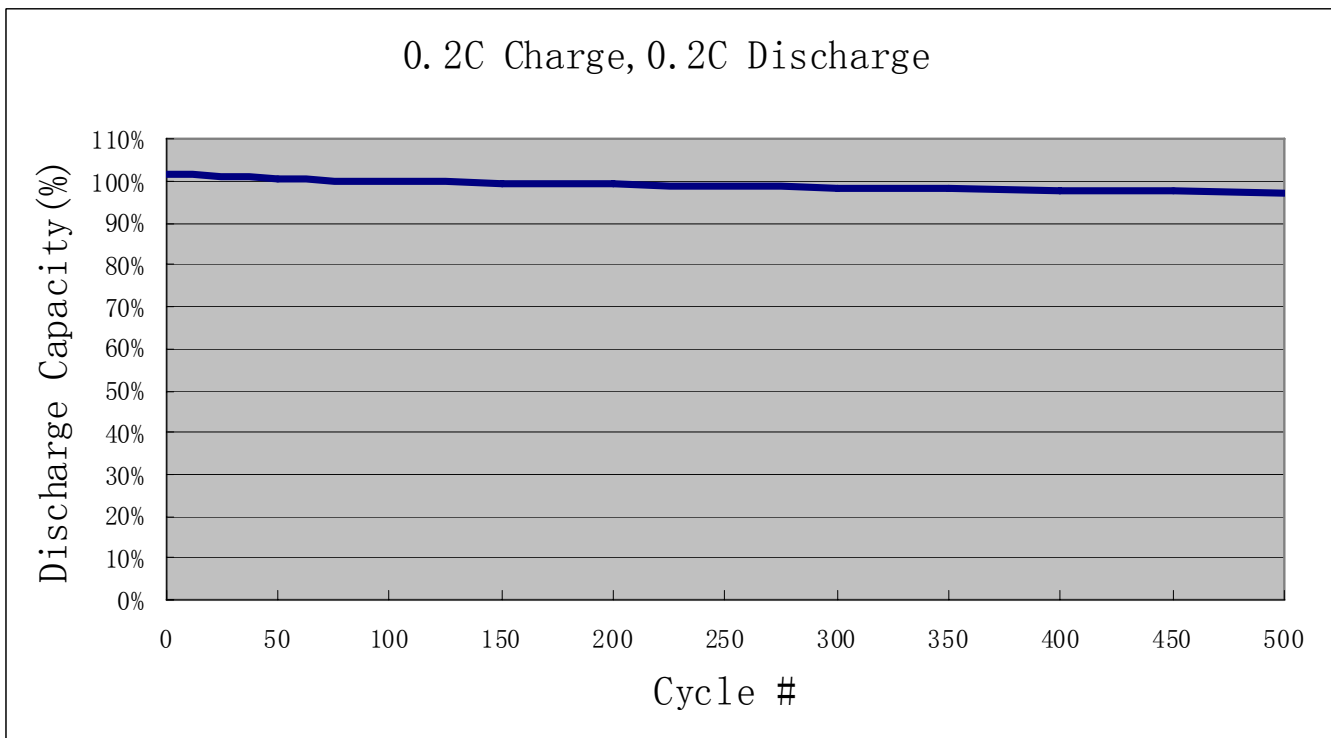
3. Rating: (with 0.2C discharge to 10.0V at 23±2°C, other data is also at this temperature)

Items	Unit	Data
Typical Capacity at 0.2C	Ah	17
Minimum capacity at 0.2C	Ah	16.2
Nominal Voltage	V	12.0
Weight	Kg	2.1±0.20
Max. continue Discharge	A	17
Pulse Discharge few Seconds	A	34A
Charge Current	A	≤17A
Charge Voltage Cutoff	V	14.6±0.2
Discharge Voltage Cutoff	V	10.0
Operating Temp.	°C	-20~60
Cycle life(0.2C charge,0.2C discharge to 10.0V)	cycles	Over 1000

4. Discharge Performance (At ambient temperature: 23±2°C)



5. Life Cycle Performance (At ambient temperature: 23±2°C)



6. Caution

6.1. Must use 12.8V LFP smart charger to charge the battery (CC and CV charger)

6.2. Do not mix with SLA battery, if SLA charger is not CC and CV=14.2±0.2V, do not use the charger to charge YT12170F battery

6.3. Any unclear please contact sales@batteryspace.com.

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