UPS

15 60

≤ ≥

5

15

-
-
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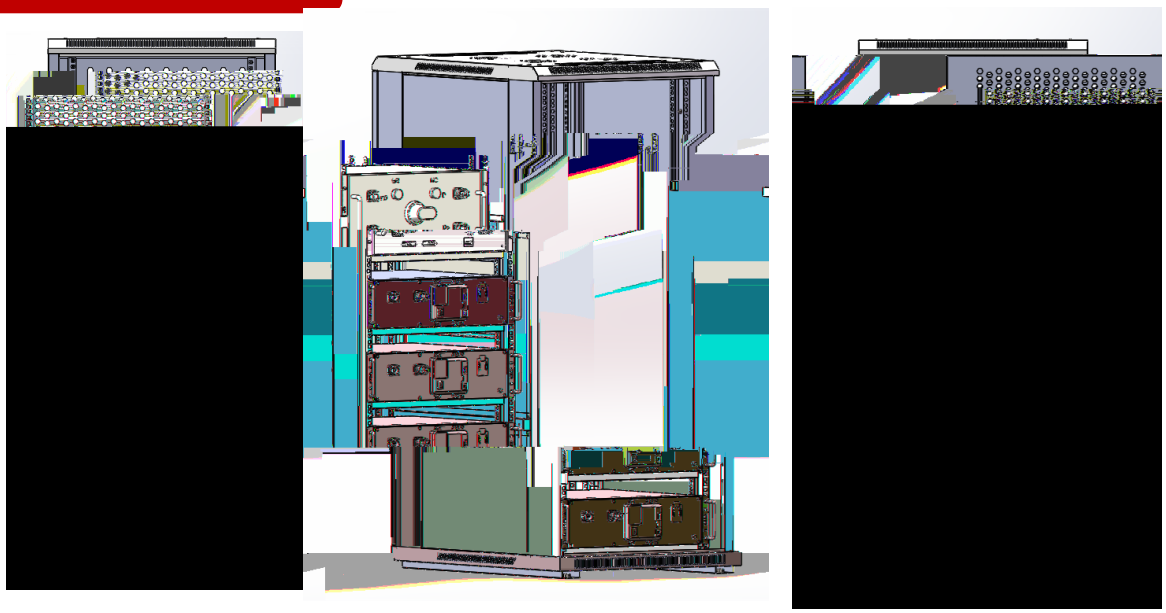
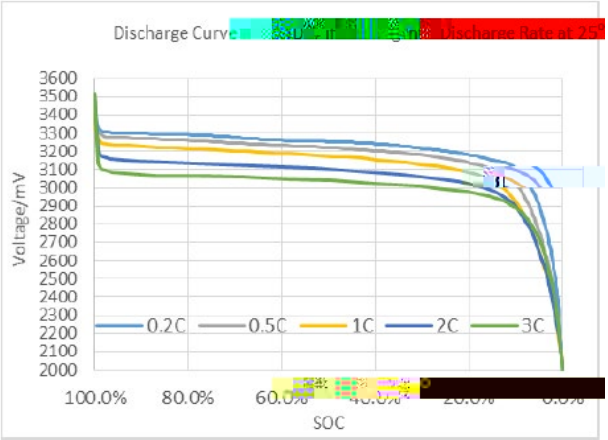
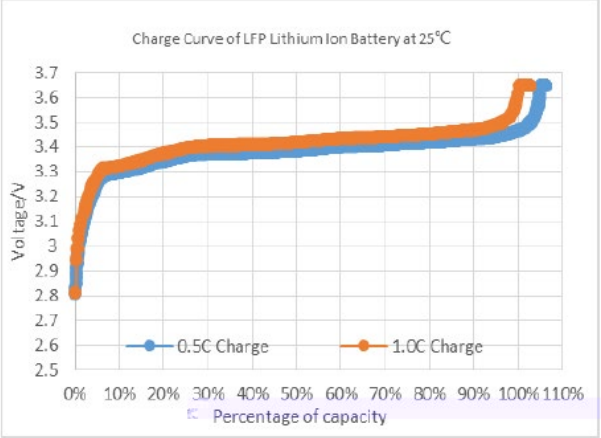
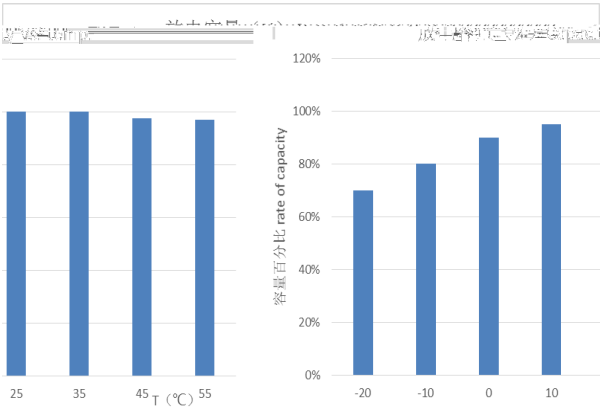
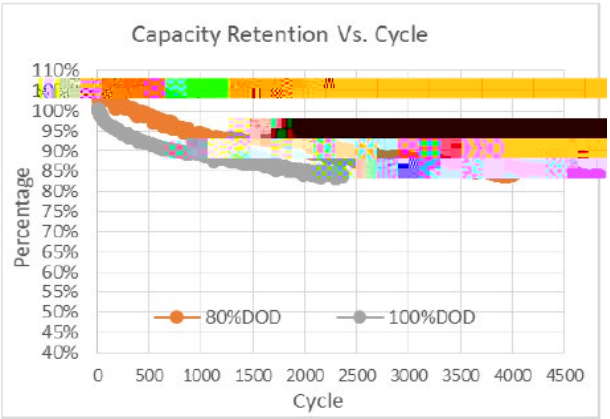
-




Discharge Curve
Voltage/mV
3600
3500
3400
3300
3200
3100
3000
2900
2800
2700
2600
2500
2400
2300
2200
2100
2000
0.2C
0.5C
1C
2C
3C
100.0%
80.0%
SOC


Charge Curve of LFP Lithium Ion Battery at 25°C
Voltage/V
3.7
3.6
3.5
3.4
3.3
3.2
3.1
3
2.9
2.8
2.7
2.6
2.5
0.5C Charge
1.0C Charge
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
110%
Percentage of capacity


120%
100%
80%
60%
40%
20%
0%
容量百分比 rate of capacity
25
35
45
55
T（℃）
-20
-10
0
10


Capacity Retention Vs. Cycle
110%
100%
95%
90%
85%
80%
75%
70%
65%
60%
55%
50%
45%
40%
Percentage
80%DOD
100%DOD
0
500
1000
1500
2000
2500
3000
3500
4000
4500
Cycle