

Capacity Test Report

Powerizer LiNiCoMn 26650 Rechargeable Cell: 3.6V 3600mAh

&

K2 LiFePO4 26650 Rechargeable Cell: 3.2V 2600mAh



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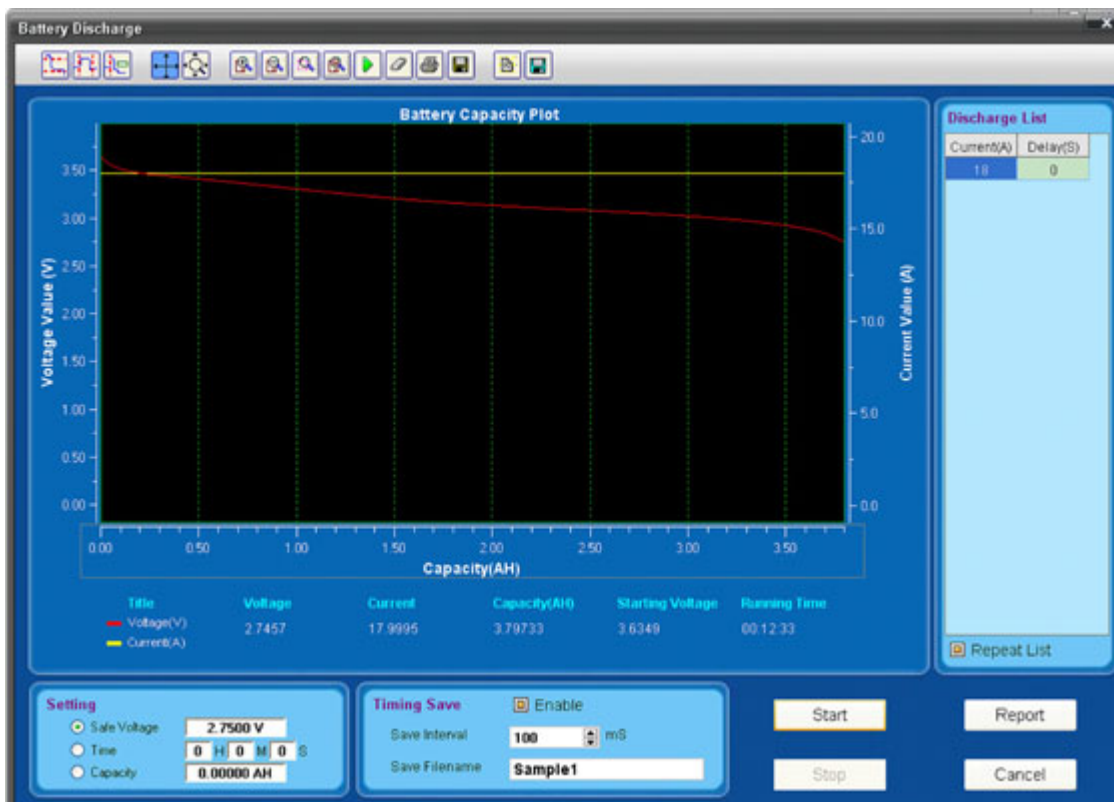
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Prepared & Approved by Max Liu (02/01/12)

- Capacity test result:
 - Powerizer LiNiCoMn 26650 3.6V 3600mAh cell has **3797.33mAh capacity** while being discharge @ 18A rate
 - K2 LiFePO4 26650 2600mAh cell has **2227.28mAh capacity** while being discharge @ 18A rate
- Discharge Voltage test result:
 - Powerizer LiNiCoMn 26650 3.6V 3600mAh cell has a significant higher discharge voltage than LiFePO4 K2 26650 3.2V 2600mAh cell while being discharge @ 21 rate (V discharge LiNiCoMn = 3.1~3.3V, V discharge LFP K2 = 2.5 ~2.75V)
- Energy density conclusion:
 - Powerizer LiNiCoMn 26650 3.6V 3600mAh Capacity has higher energy density with relevant lower cost

Powerizer LiNiCoMn 26650 3.6V 3600mAh Capacity test report

(3797.33mAh capacity @ 18A rate)



K2 LiFePO4 26650 2600mAh Capacity test report

(2227.28mAh capacity @ 18A rate)

