

WENLU TRADING CO., LTD.

Battery Series

“The best purchasing is done by those who truly know their suppliers and play as a team, openly and honestly, to the benefit of both companies”

Contact: sales@wenlu-inc.com

Introduction

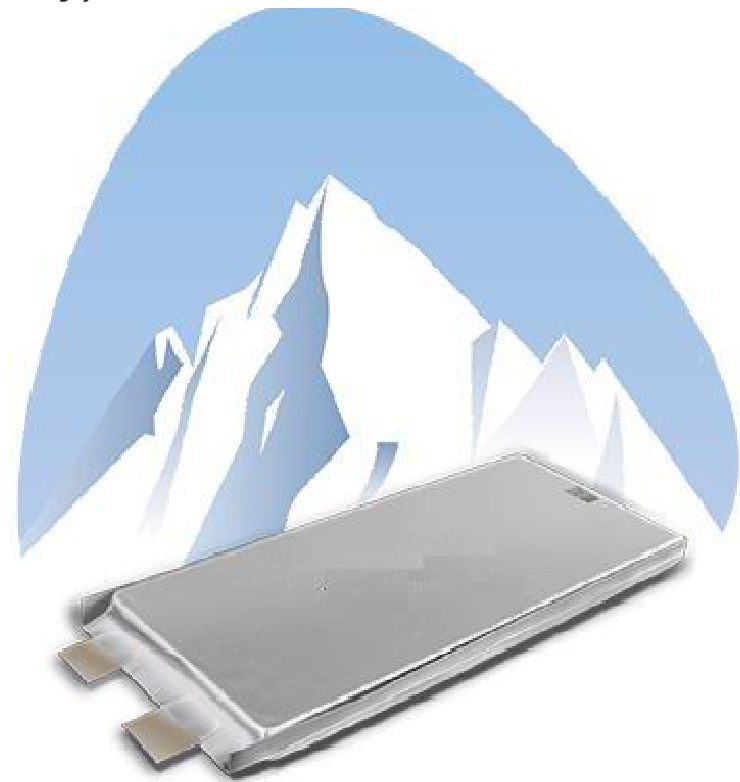
Shaped battery, customizable size and shape
-50°C ultra-low temperature lithium battery
50C high discharge rate battery
NMC 811 high energy density battery
($\geq 275\text{Wh/kg}$)
5C fast charge battery
Self-developed patented steel shell button-cell battery (rechargeable lithium battery)



Pouch Cell

LiPo Batteries (Lithium-ion Polymer Batteries)

LiFePO Batteries (Lithium Iron Phosphate Battery)



Contact: sales@wenlu-inc.com

Pouch Cell

High Discharge Current

High Safety

High Reliability

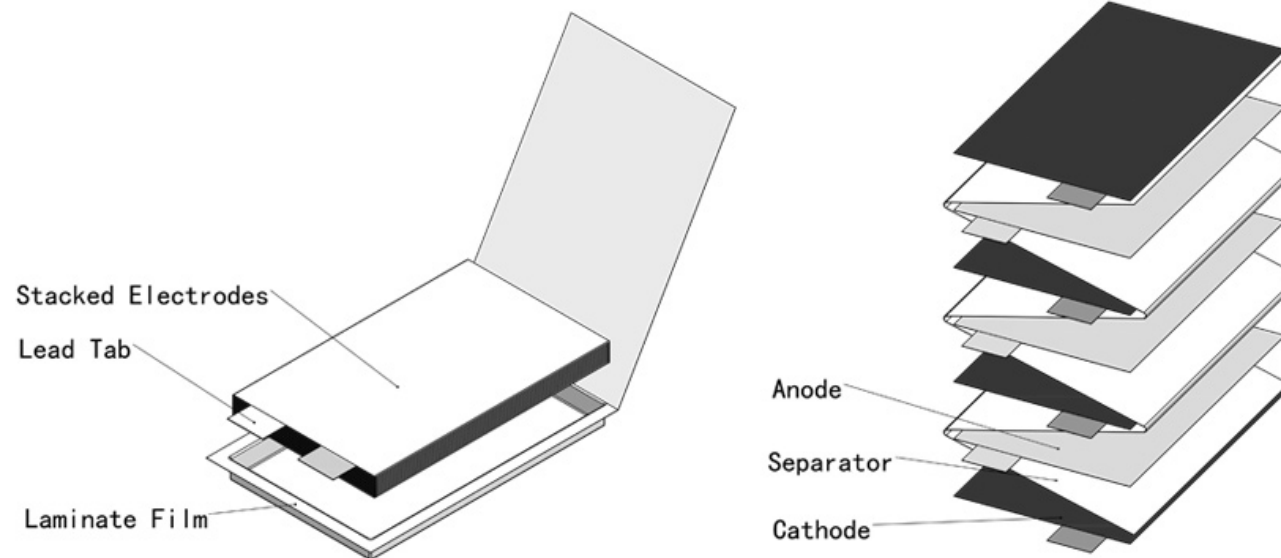
Low Self-discharge

High Capacity

High Energy Density

Long Cycle Life

Various shapes



Contact: sales@wenlu-inc.com

Pouch Cell- Custom-shaped batteries

Over 500 shaped batteries to choose from. ***** for more shape battery types, pls contact Wenlu without hesitation.**

Model No.	Voltage (V)	C-rate (C)	Capacity (mAh)	R (mΩ)	Weight (g)	Shape	Structure	Mould
WL3030027	4.2	15	140	≤75	3.1±0.3	Round		Yes
WL3013020	4.2	40	37	≤300	1.1±0.2	Rectangle		Yes
WL0849049	4.35	1	140	≤150	3.6±0.3	Ultra-thin		Yes
WL2524038	4.35	10	185	≤80	4.1±0.5	Curved		Yes
WL2022020	4.2	1	50	≤350	1.2±0.2	Hexagon		Yes
WL3922032	4.2	1	270	≤100	4.9±1.0	U type		Yes

Contact: sales@wenlu-inc.com

Pouch Cell- Tattu UAV Drone LiPo Batteries

Cell Type: High discharge cell, high voltage cells, low & high temperature cells

Cell capacity: no limit

Energy density: up to 275 wh/kg

Cycle life: up to 600 cycles

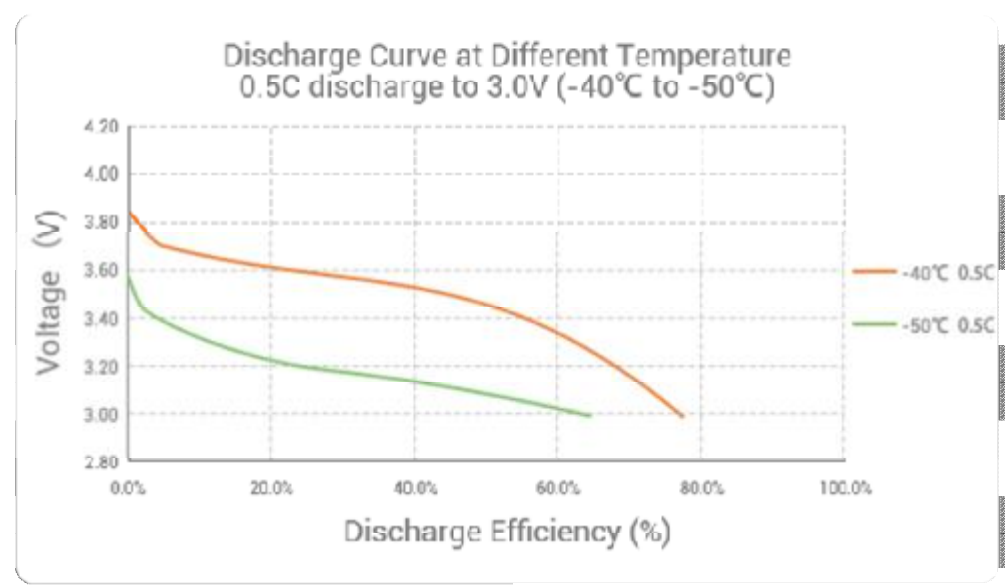
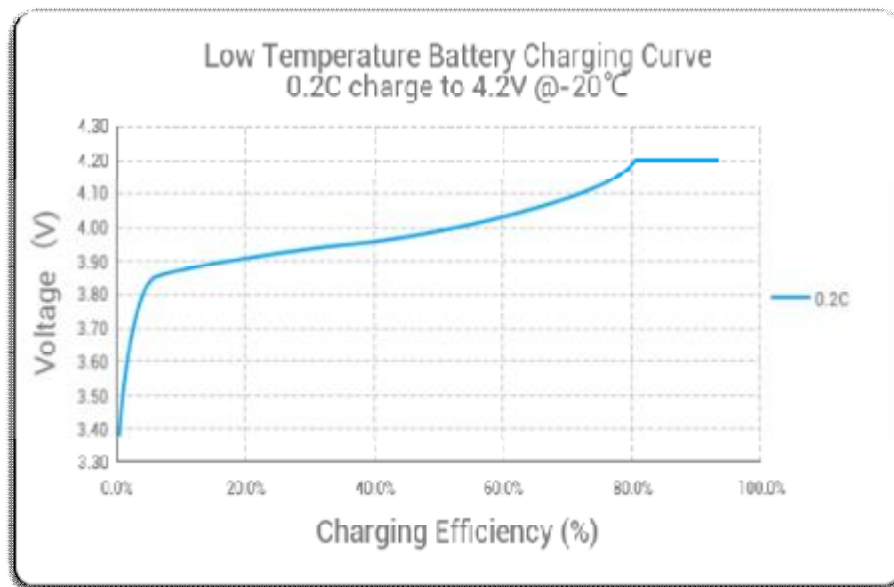
Operating temperature: -40 to 80 / -50 to 50

Battery Model	TAA100006S30E	TAA16K6S30ASX	TAA22K6S30ASX	TAA30K6S25ASX
Capacity (mAh)	10000mAh	16000mAh	22000mAh	30000mAh
C-rate	30C	30C	30C	25C
Battery Configuration	6S1P	6S1P	6S1P	6S1P
Voltage (V)	22.2V	22.2V	22.2V	22.2V
Power (Wh)	222	355.2	488.4	666
L*W*H (±5mm)	175*65*58mm	190*76*65mm	206*91*61mm	217*120*65mm
Net Weight (±50g)	1357g	1974g	2460g	3505g

Contact: sales@wenlu-inc.com

Pouch Cell- Low-Temperature LiPo Batteries

Chemistry Lithium Polymer (LiPo)
 Operating Temperature -50°C to 50°C / -40°C to 60°C
 (Temperature Customizable)



Contact: sales@wenlu-inc.com

Pouch Cell- Low-Temperature LiFePO₄ Batteries

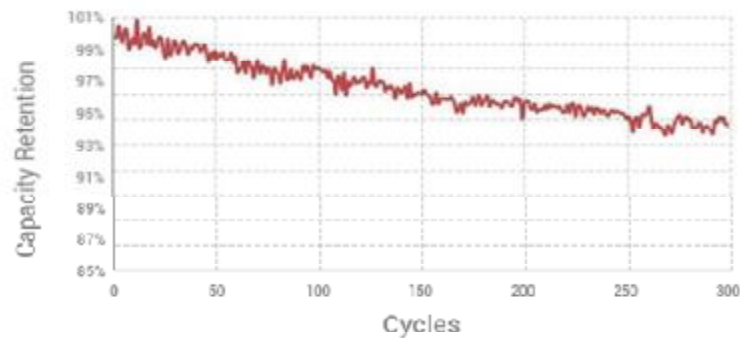
Chemistry

Lithium iron phosphate (LiFePO₄)

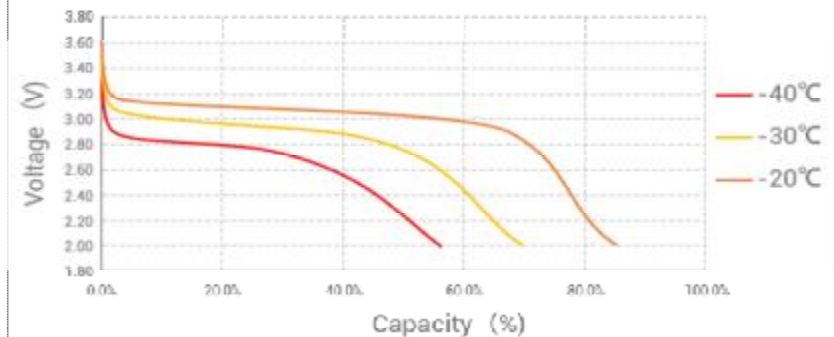
Operating Temperature

-40°C to 50°C

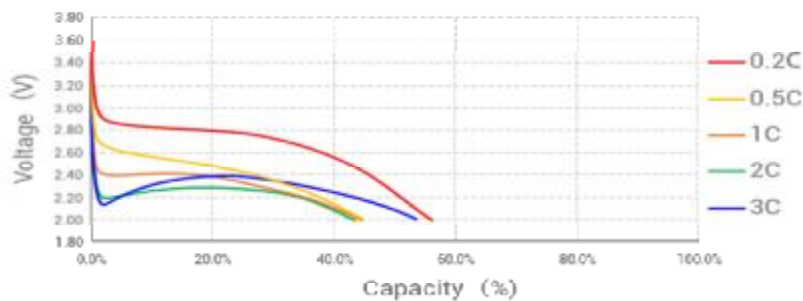
Cycling test at 0.2C charging and discharging at -20°C



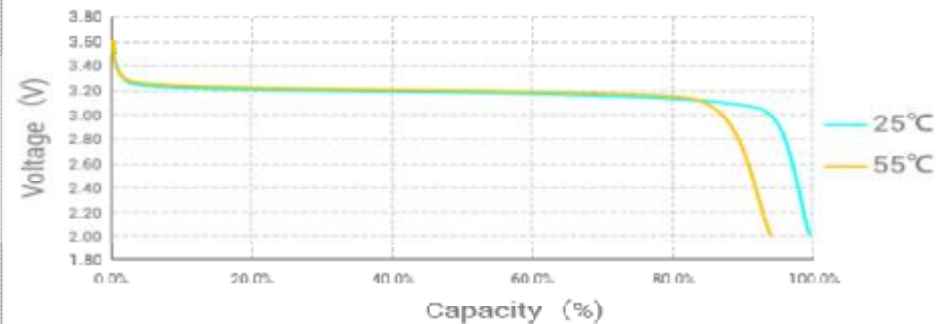
0.2C discharge at -20/-30/-40



Different C-rate discharge at -40°C



1C discharge

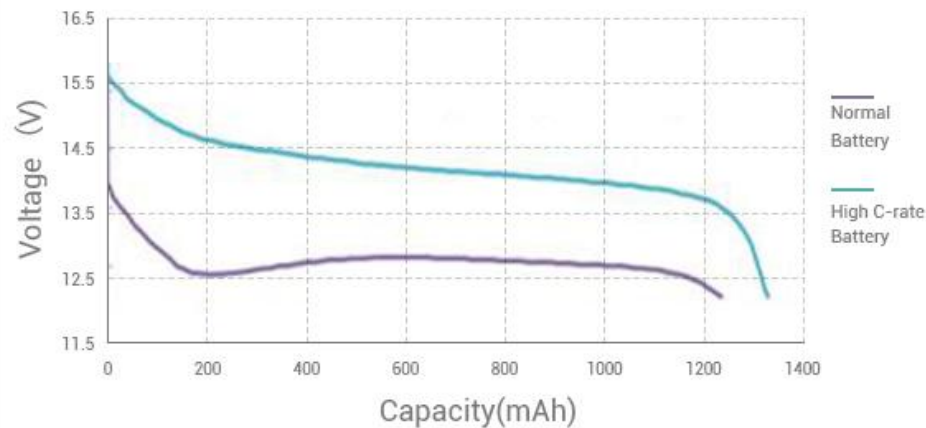


Contact: sales@wenlu-inc.com

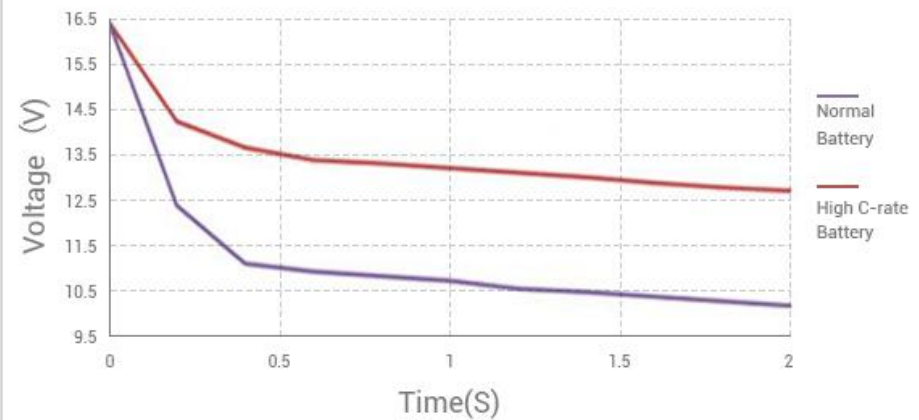
Pouch Cell- High Discharge LiPo Batteries

Standard Voltage: 3.7V
 Charging Temperature: 10°C ~ 45°C
 Discharge Temperature: -20°C ~ 80°C
 Storage Temperature: 10°C ~ 45°C
 Promised Life Span: 300 cycles
 Rate of Quick Charge: 5C (80% of full charge in 12 minutes)
 Continuous Discharge: 45C
 Discharge for 2 seconds: 90C
 Pulse Discharge: 150C
 % of 1C Capacity: 97%

40C Discharging Curve



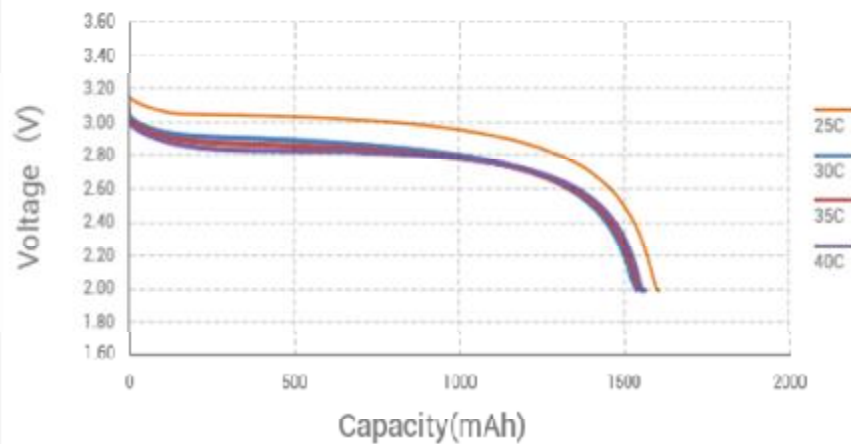
100C Discharging Curve



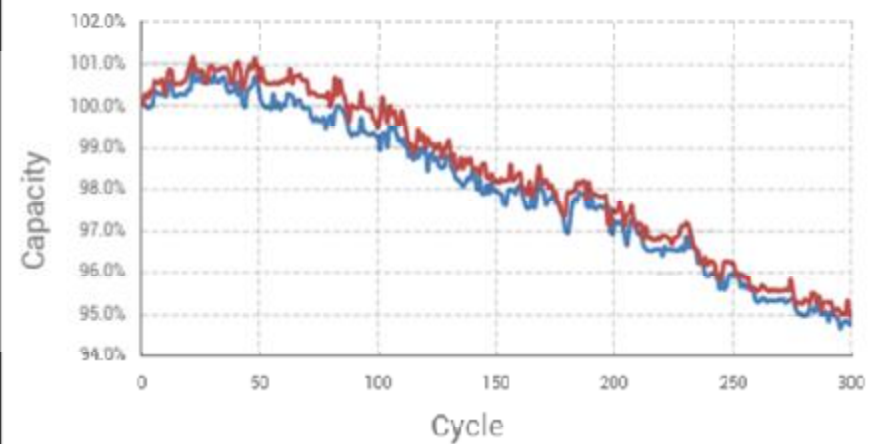
Pouch Cell- High Discharge LiFePo Batteries

Standard Voltage:3.2V
Charging Temperature:10°C~45°C
Discharge Temperature:-20°C~60°C
Storage Temperature:10°C~45°C
Promised Life Span:1500 cycles
Continuous Discharge:40C
Discharge for 2 seconds:80C
Pulse Discharge:150C
% of 1C Capacity:95%

40C Discharging Curve



Cycle Life Testing Curve





THANK YOU

SHENZHEN WENLU TRADING CO., LTD.

**Office: No. 613-616A4, Bldg A, Shenzhen Int. Chamber of Commerce Bldg. ,
Futian District, Shenzhen, China**

E-mail: sales@wenlu-inc.com

url: <http://wenlu-inc.com>

Contact: sales@wenlu-inc.com