

Applications:
 Automotive
 Industrial
 Sport
 Medical
 Motor Drive Systems
 and others

Pack Specifications	
Nominal Voltage	3.2 V
Capacity (Nominal)	3600 mAh ±3% @ 0.2C
Energy	11,52 Wh
Weight	93 ±3 grams
Size (H x D x d) mm	65.7 x 26.26 x 10 ±0.2

Operating Specifications	
Operating Voltage	3.60 V to 2.50 V
Charge Voltage	(Max. 3.65 V)
Discharge End Volt.	2.50V
Operating Temperature:	
Discharge	-20°C to 60°C
Charge	0°C to 45°C [55°C] ⁽¹⁾
Standard Disch. Current	0.5C (1.8 A)
Fast Discharge Current	1.0C (3.6 A) ⁽²⁾
Max Discharge Current	3C (10.8) ⁽²⁾ (20A Peak)
Max Charge Current	1.0C (3.6A) @25°

Storage Specifications	
Storage Temperature	1 year : -20~25°C(1*)
Rh: (0% ~ 75%)	3 months : -20~45°C(1*)
SoC: State-of-Charge ≥ 70%	1 month : -20~60°C(1*)

⁽¹⁾ with temperature compensated charge
⁽²⁾ The maximum operating current is set at a temperature not exceeding 60 °C.

Standard charging method

0.5C CC (constant current) charge to 3.6V, then CV (constant voltage 3.60V) charge till charge current decline to ≤ 0.02C

Transportation

The transport of this battery should be noted that this is a lithium battery (dangerous goods class 9 / UN3480 / packing group Corresponding to, ADR / RID, IATA DGR, IMDG). During transport, do not subject the Batteries or the box(es) to violent shaking, bumps, rain and direct sunlight.

Care and safety recommendations:

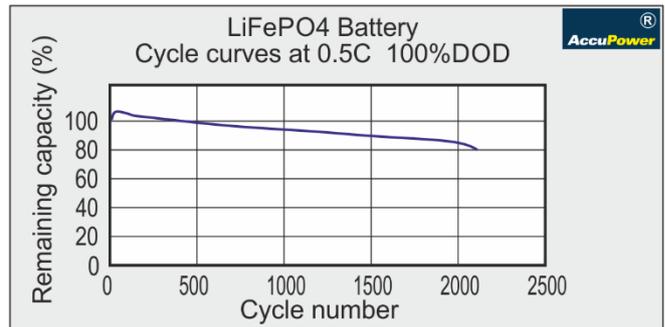
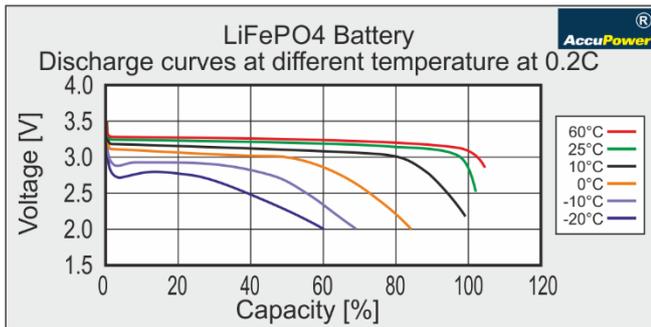
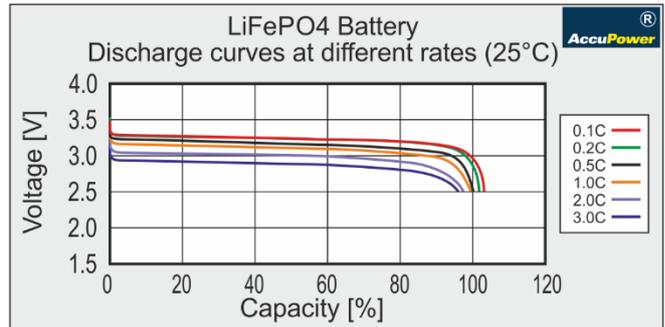
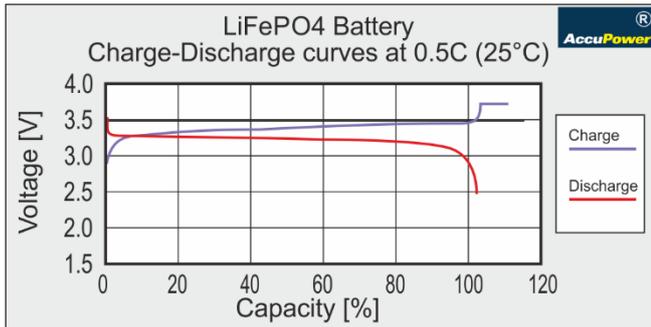
Never open, short circuit or put in fire. Do not install backwards. Avoid short circuit with metal objects.

ATTENTION:

Please pay attention to following recommendations:

1. **Recharge batteries immediately after receipt!**, the batteries are delivered with low capacity (< 30%) according to IATA DG Regulations!
2. Charge the batteries to the recommended value before storing them for a long time: State Of Charge between 60% ~ 70% depending on the storage time, Store the battery in a dry place, Temperature (0° ~ +25°C), relative humidity should be less than 75% Rh.
3. Please fully charge the batteries before using! Use only the battery charger specified for this battery type.
4. Do not leave battery in charger over 24 hours.
5. Always avoid deep discharge of the battery.
6. Avoid exposure to high temperatures.
7. Do not disassemble or modify the battery, may cause the battery to generate heat, explode or ignite.
8. Dispose properly used batteries. Dispose it according to the applicable recycling regulations. Contact your city recycling coordinator. Thank you

Characteristics Curves:



Attention: Please fully charge the batteries before using!!!



ATTENTION! Recharge batteries immediately after receipt:



Due to the new IATA Dangerous Goods Regulations since April 2016, the state of charge condition for air transport must not exceed 30% of the nominal capacity!
If you receive a battery pack with airfreight with 30% charge and it will be sent by air again after storage, the state of charge 30% must be checked every 2 months and recharged according to 30%.