

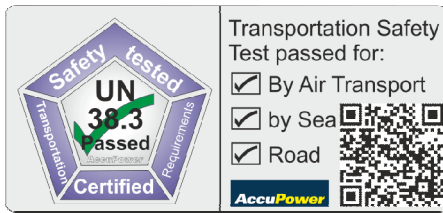
Battery pack coated with shrink tube



Lithium- Battery Pack with a protection electronics (PCM single cells monitoring), Protects the battery against overcharge, deep discharge and short circuit.

Applications

- Automotive
- Industrial
- Sport
- Medical
- and others



UN 38.3 Tested

Pack Specifications

Nominal Voltage	7.40 V
Capacity (Nominal)	2200 mAh
Energy	16.28 Wh
Weight	90 grams ±5g.
Size (L x W x H) mm	37 x 19 x 68.5 ±1

Operating Specifications

Operating Voltage	8.4 V to 5.5 V
Charge Voltage	(Max. 8.40 V)
Discharge End Volt.	6.0V
Operating Temperature:	
Discharge	-20°C to 50°C
Charge	0°C to 45°C
Max Discharge Current	4.0 A (Continuous) (Peak 10 A ±2)
Max Charge Current	2.2A

Storage Specifications

Storage Temperature	1 year : -20~25°C(1*)
Relative humidity (45-75%)	3 months : -20~45°C(1*) 1 month : -20~60°C(1*)
Please refer to Page 2 of this document for Battery Pack discharge characteristics.	

Note (1): If the cell is kept as ex-factory status (approx. 50% of charge), the capacity recovery rate is more than 80%.

Standard charging method:

0.5C CC (constant current) charge to 8.40V, then CV (constant voltage 8.40V) charge till charge current decline to ≤ 0.02C

Transportation:

ADR/RID/IMDG-Code: The battery meets the requirements of Special Provision 188.

ICAO-TI/IATA-DGR: Packing Instruction 965, Part II or Part IB.

Because the nominal energy is lower than 100 Wh. the battery must not be to declare as dangerous good.

During transport, do not subject the Batteries or the box(es) to violent shaking, bumps, rain and direct sunlight.

Keep the cell(s) at a half-charged state.

Care and safety recommendations:

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

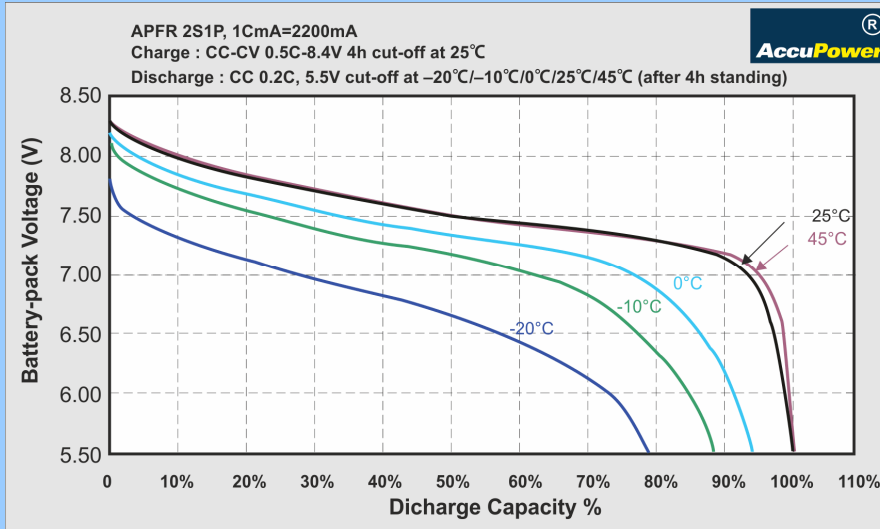
ATTENTION:

Improper handling may result in fire, personal injury or product failure due to leakage or Explosion. Use only the charger specified for this battery type. Improper use will reduce considerably the battery life. Please pay attention to following recommendations:

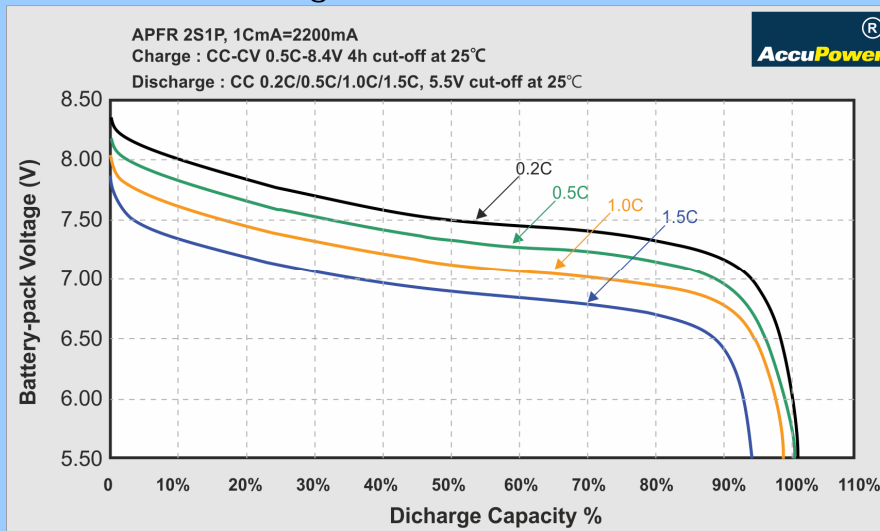
1. Always avoid Deep discharge of the battery
2. Charge the battery before longer Storage.
3. Use only the battery charger specified for this battery type.
4. Do not leave battery in charger over 24 hours.
5. Keep it in a cool and dry place.
6. Avoid exposure to high temperatures.
7. Do not disassemble 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.

Electrical Characteristics

Discharge Temperature Characteristics



Discharge Rate Characteristics



Cycle Life (I) : Capacity Retention

