 <p>Lithium- Battery Pack with a protection electronics (PCM single cell monitoring), Protects the battery against overcharge, deep discharge and short circuit.</p> <p>Applications: Automotive Industrial Sport Medical Motor Drive Systems and others</p> <p>OEM / ODM service & customized logo available</p>	Pack Specifications	
	Nominal Voltage	3.7 V
Capacity (Nominal)	2200 mAh	
Weight Battery Including cable and connector	48 Grams	
Energy	8.1 Wh	
Size (Diameter x H) mm	18.65 ±0.5 x 68.5 ±2mm	
Operating Specifications		
Operating Voltage	4.20 V to 3.00 V	
Charge Voltage	(Max. 4.20 V)	
Discharge End Volt.	3.0V	
Operating Temperature: Discharge Charge	-20°C to 70°C 0°C to 45°C	
Max Discharge Current	5 A (Continuous) 6.5 A (Peak)	
Max Charge Current	5 A (Continuous)	
Connector Type: JST PAP-02V-S		
Storage Specifications		
Storage Temperature Relative humidity (45-75%)	1 year : -20~25°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 (50% of charge), the capacity recovery rate is more than 80%.

Standard charging method

0.5C CC (constant current) charge to 4.2V, then CV (constant voltage 4.2V) charge till charge current decline to $\leq 0.02C$

Transportation

During transport, do not subject the cell(s) 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.

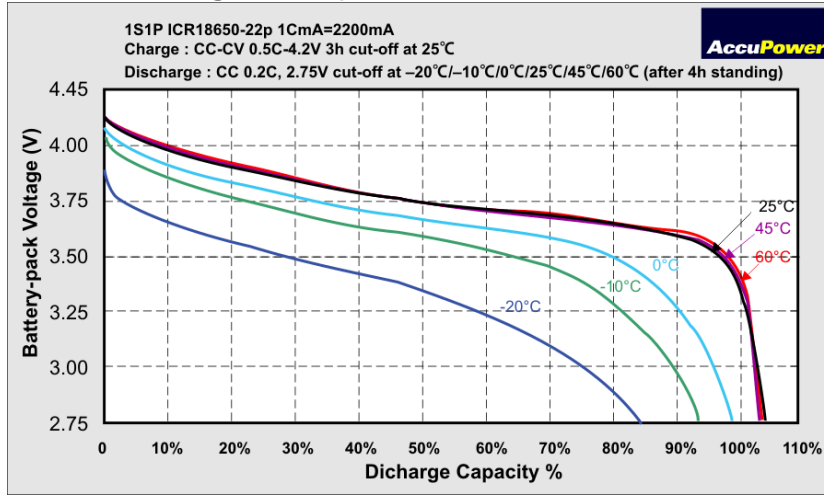
ATTENTION:

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:

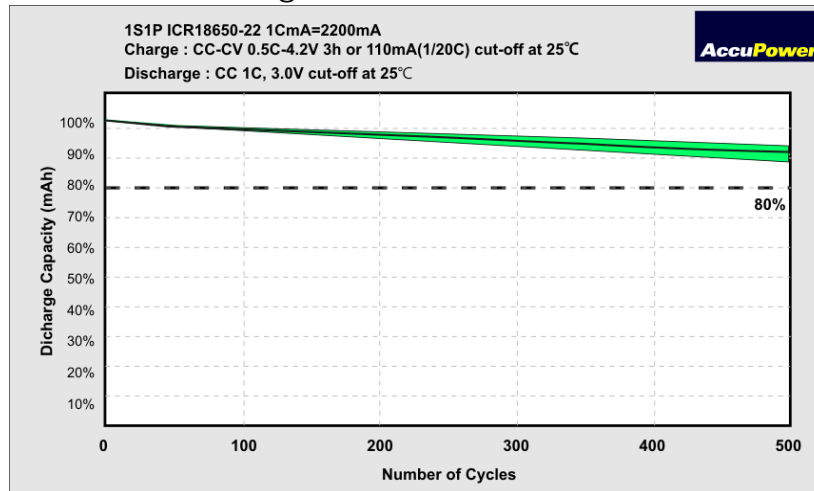
1. Always avoid Deep discharge of the battery
2. Charge the battery before longer Storage.
3. Use only the battery charger specified for this battery type.
4. Do not leave battery in charger over 24 hours.
5. Keep it in a cool and dry place.
6. Avoid exposure to high temperatures.
7. Do not disassemble or modify the battery, may cause the battery to generate heat, explode or ignite.
8. Dispose properly used batteries. Contact your city recycling coordinator. Thank you.

Electrical Characteristics

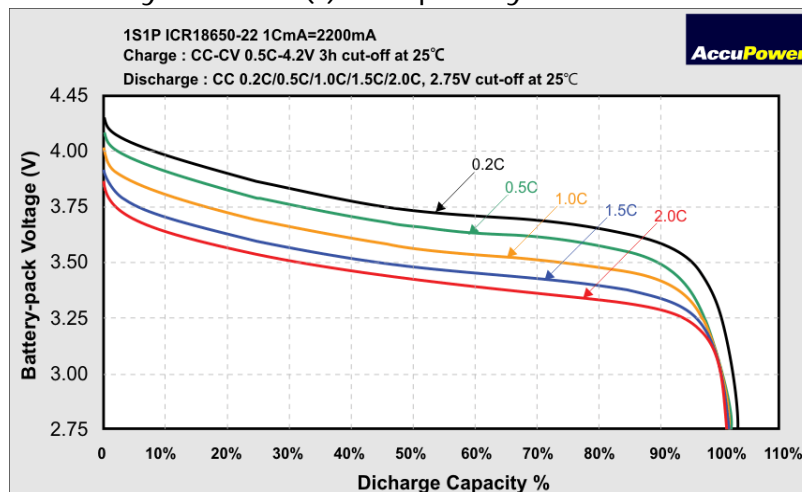
Discharge Temperature Characteristics



Discharge Rate Characteristics



Cycle Life (I) : Capacity Retention



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