

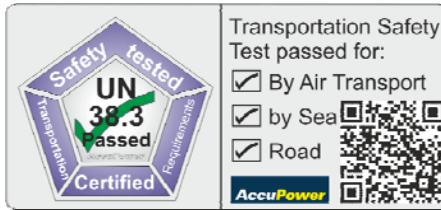
Battery pack with shrink tube packing



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

OEM / ODM service & customized logo available

Pack Specifications	
Nominal Voltage	11.10 V
Capacity (Nominal)	2600 mAh
Energy	28.86 Wh
Weight	150 grams ±10g.
Size (L x W x H) mm	55.5 x 19 x 68.5 ±1
Operating Specifications	
Operating Voltage	12.6 V to 8.25 V
Charge Voltage	(Max. 12.60 V)
Discharge End Volt.	12.0V
Operating Temperature:	
Discharge	-20°C to 60°C
Charge	0°C to 45°C
Max Discharge Current	3.0 A (Continuous) 4.5 A (Peak)
Max Charge Current	2.6A
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 (50% of charge), the capacity recovery rate is more than 80%.

Standard charging method:

0.5C CC (constant current) charge to 12.60V, then CV (constant voltage 12.60V) charge till charge current decline to ≤ 0.02C

Transportation:

ADR/RID/IMDG-Code: The battery meets the requirements of Special Provision 188. Because the nominal energy is not more 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:

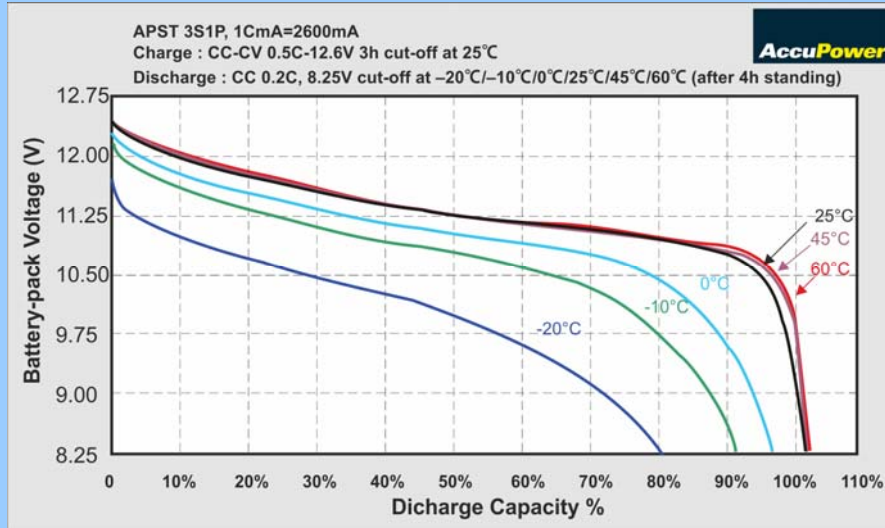
Improper handling may result in fire, personal injury or product failure due to leakage or Explosion. Use only the charger specified for this battery type. Improper use will reduce considerably the battery life. Please pay attention to following recommendations:

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.

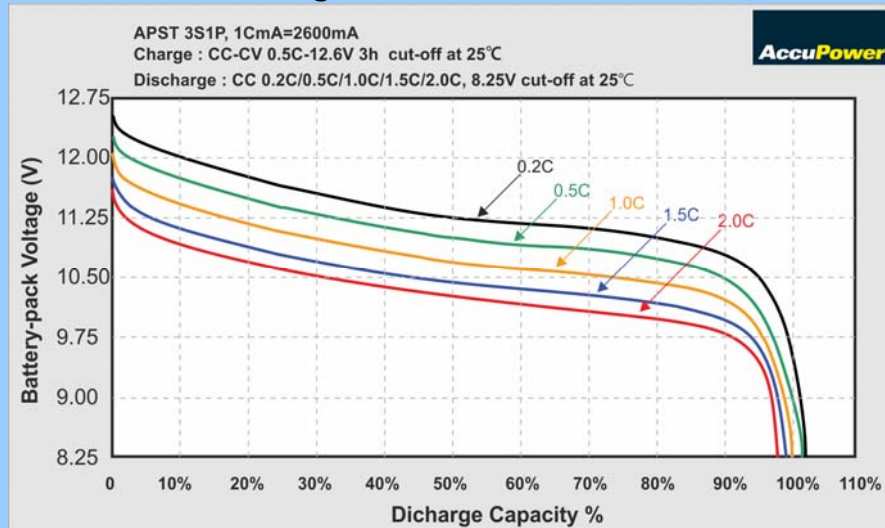
Electrical Characteristics

AccuPower Lithium Technology Designed for Demanding Applications

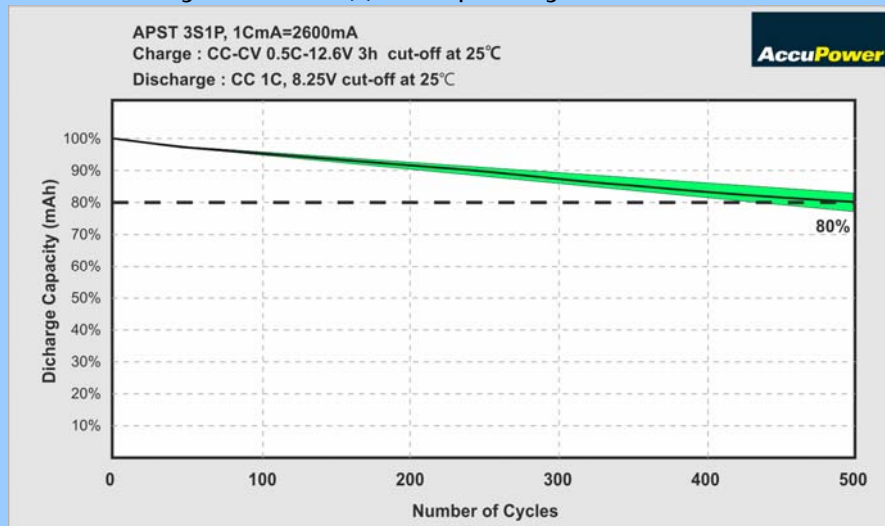
Discharge Temperature Characteristics



Discharge Rate Characteristics

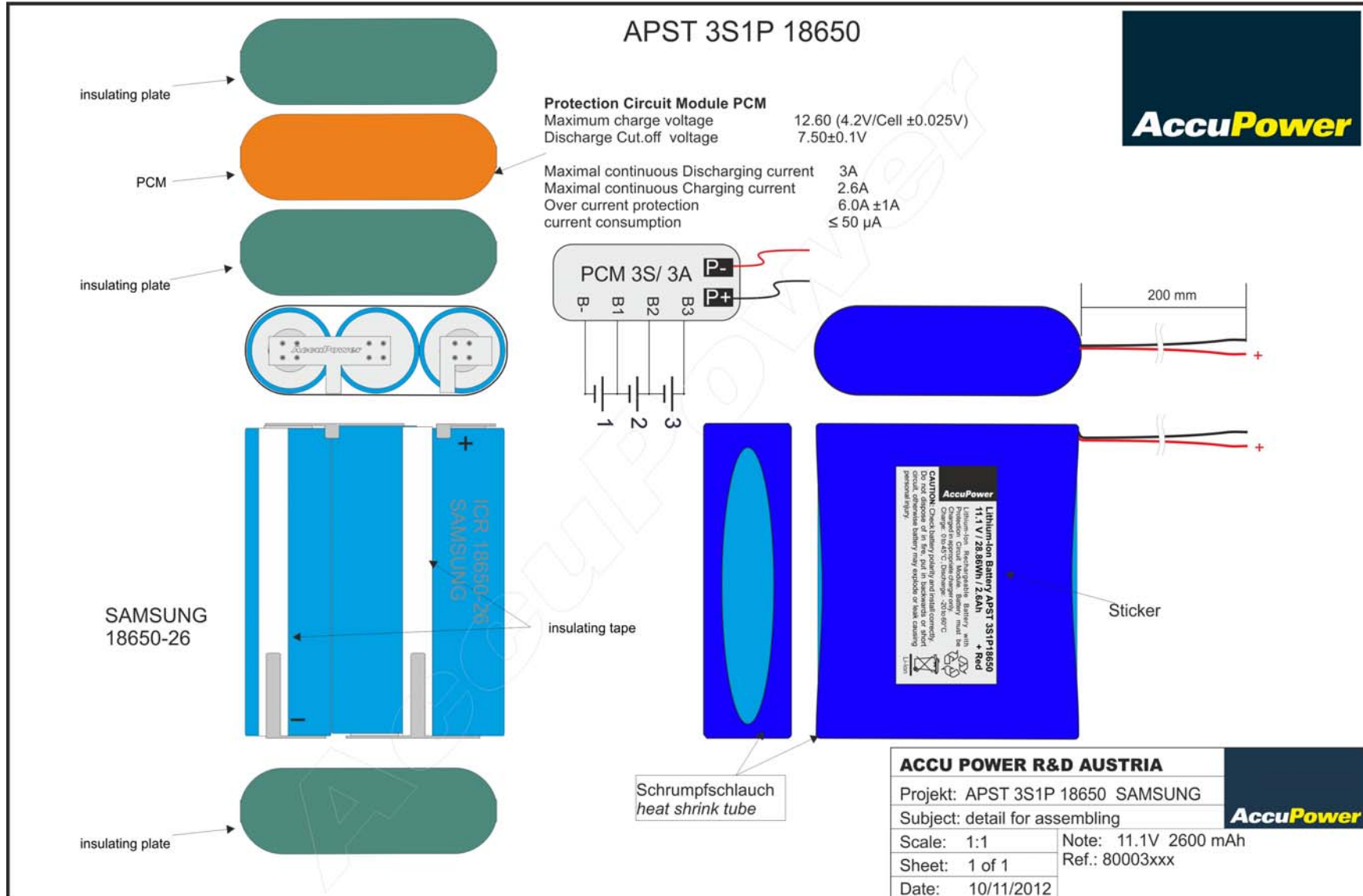


Cycle Life (I) : Capacity Retention



Detail for assembling

APST 3S1P 18650



AccuPower Lithium Technology Designed for Demanding Applications