

Battery Box in a compact design



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

Applications

Automotive
Industrial
Sport
Medical
and others



UN 38.3 Tested

OEM / ODM service & customized logo available

Pack Specifications	
Nominal Voltage	25.9 V
Capacity (Nominal)	10400 mAh
Energy	270 Wh
Weight	1560 grams
Size (L x W x H) mm	167 x 100 x 78.5 ±2
Operating Specifications	
Operating Voltage	29.4 V to 21.0 V
Charge Voltage	(Max. 29.40 V)
Discharge End Volt.	21.0V
Operating Temperature: Discharge	-20°C to 60°C
Charge	0°C to 45°C
Max Discharge Current	15 A (Continuous) 30 A (Peak)
Max Charge Current	10 A @25°C (Peak15A)
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 29.40V, then CV (constant voltage 29.40V) charge till charge current decline to ≤ 0.02C

Transportation

The transport of this battery should be noted that this is a lithium battery with more than 100 Wh (dangerous goods class 9 / UN3480 / packing group II). 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:

Please pay attention to following recommendations:

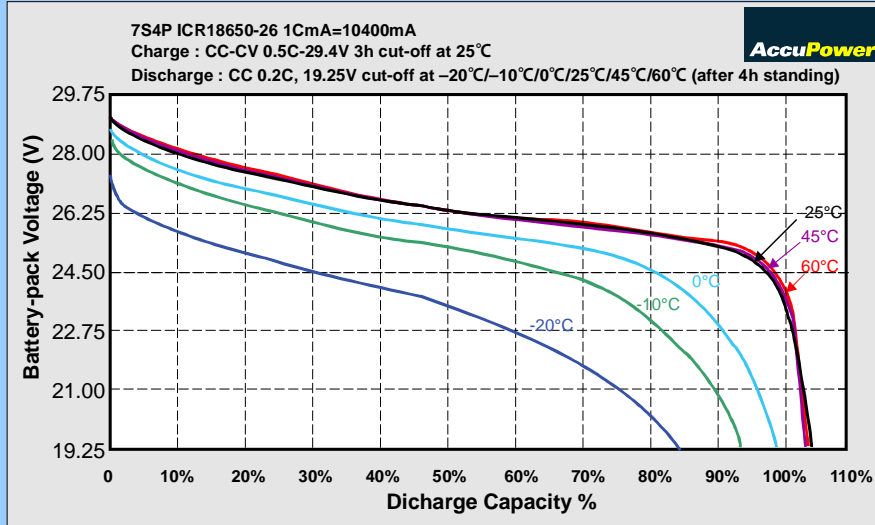
- Recharge batteries immediately after receipt!**, the batteries are delivered with low capacity (< 30%) according to IATA DG Regulations!
- Charge the batteries to the recommended value before storing them for a long time: State Of Charge between 50% ~ 70% depending on the storage time, Store the battery in a dry place, Temperature (0° ~ +25°C), relative humidity should be less than 75% Rh.
- Please fully charge the batteries before using! Use only the battery charger specified for this battery type.
- Do not leave battery in charger over 24 hours.
- Always avoid deep discharge of the battery.
- Avoid exposure to high temperatures.
- Do not disassemble or modify the battery, may cause the battery to generate heat, explode or ignite.
- Dispose properly used batteries. Dispose it according to the applicable recycling regulations. Contact your city recycling coordinator.

Thank you

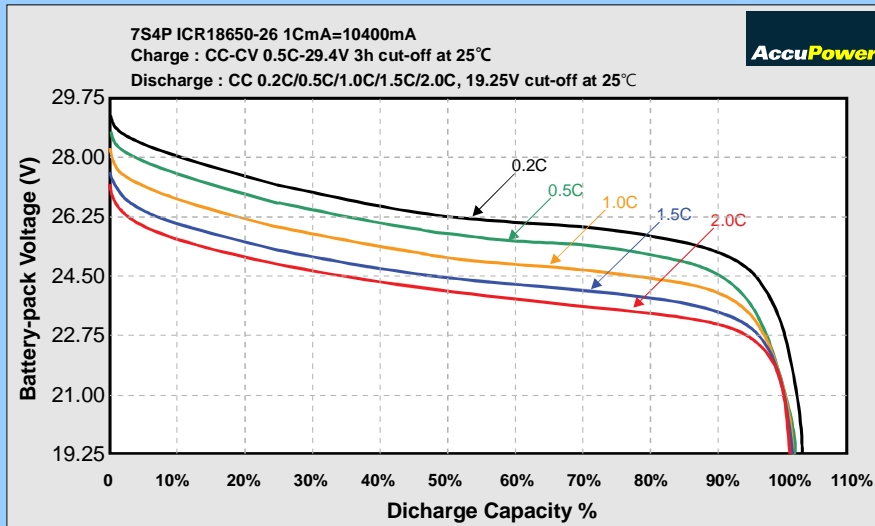
Electrical Characteristics

AccuPower Lithium Technology Designed for Demanding Applications

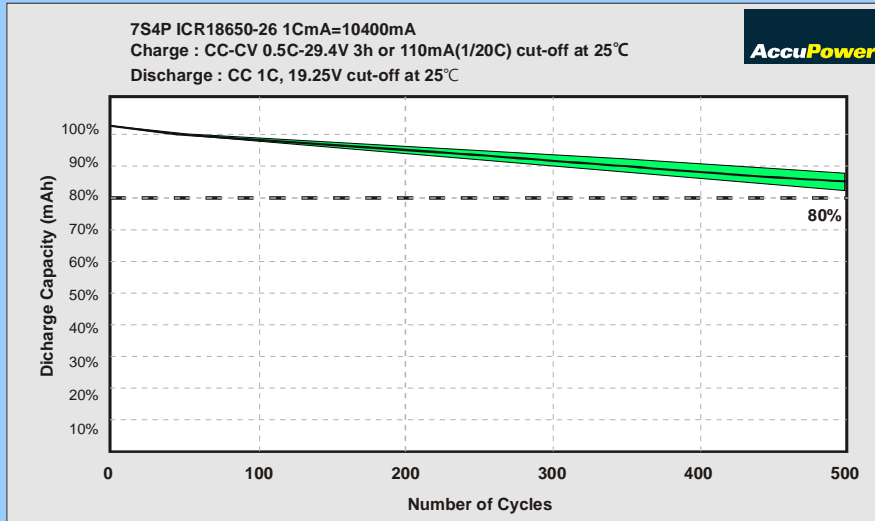
Discharge Temperature Characteristics



Discharge Rate Characteristics



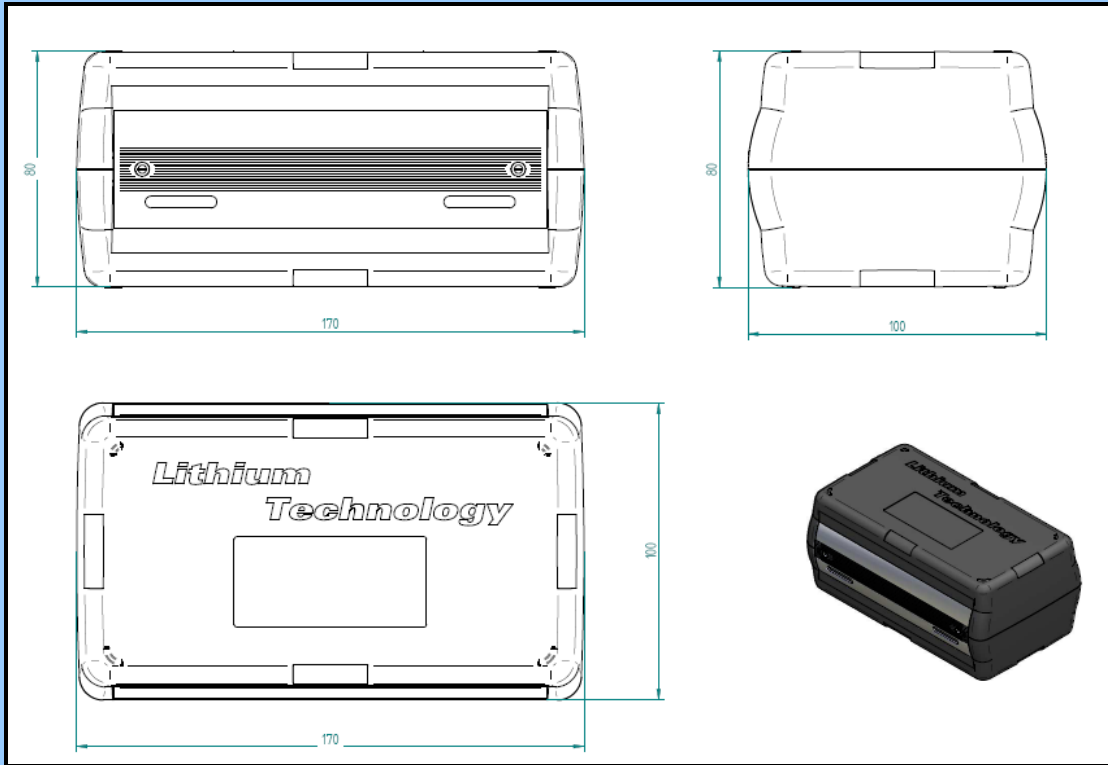
Cycle Life (I) : Capacity Retention



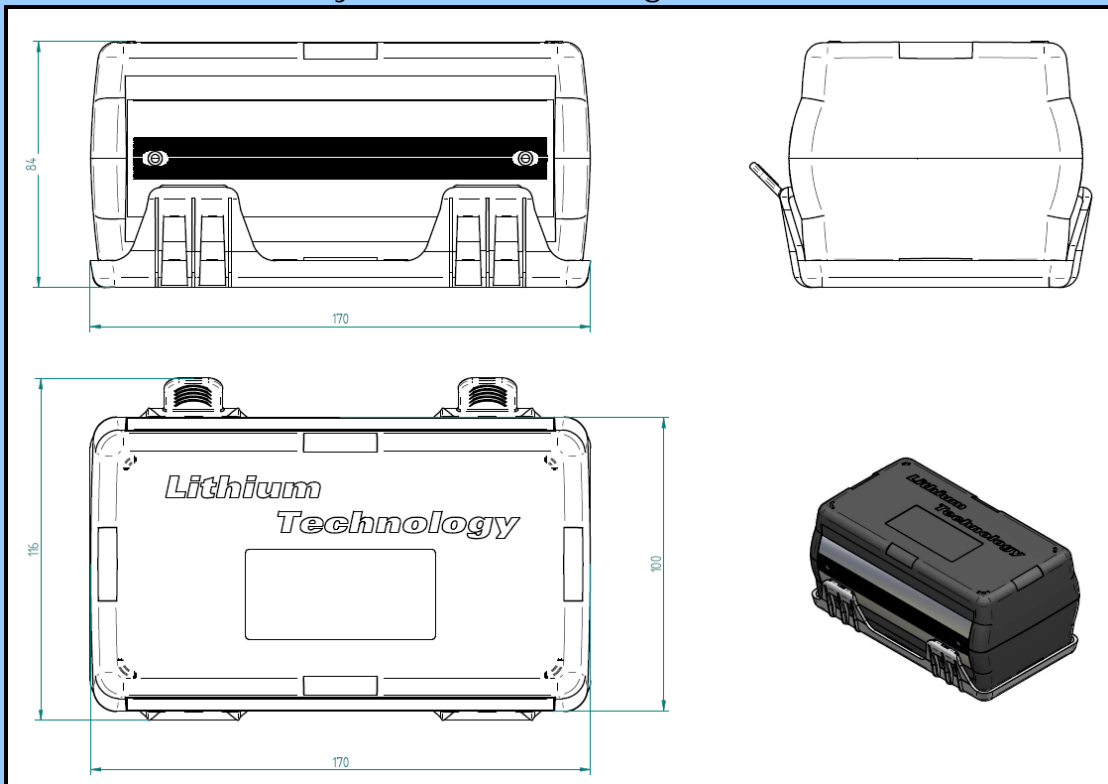
Mechanical specifications

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Battery Box Dimensions



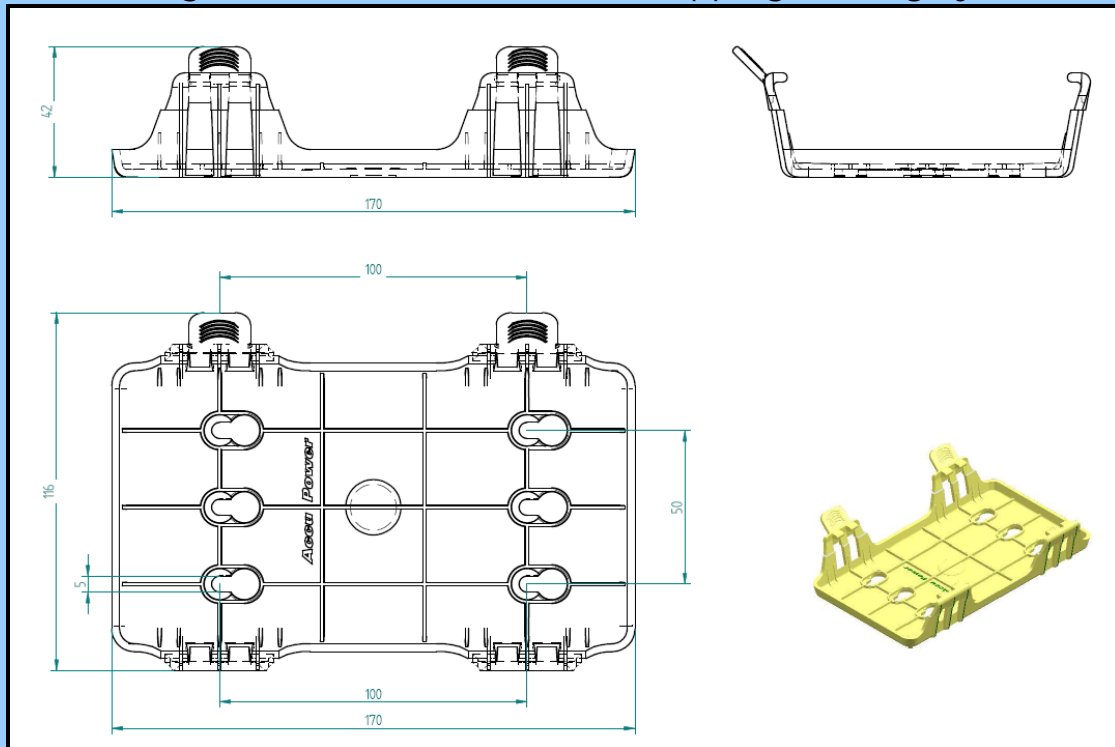
Battery Box with Holding down device



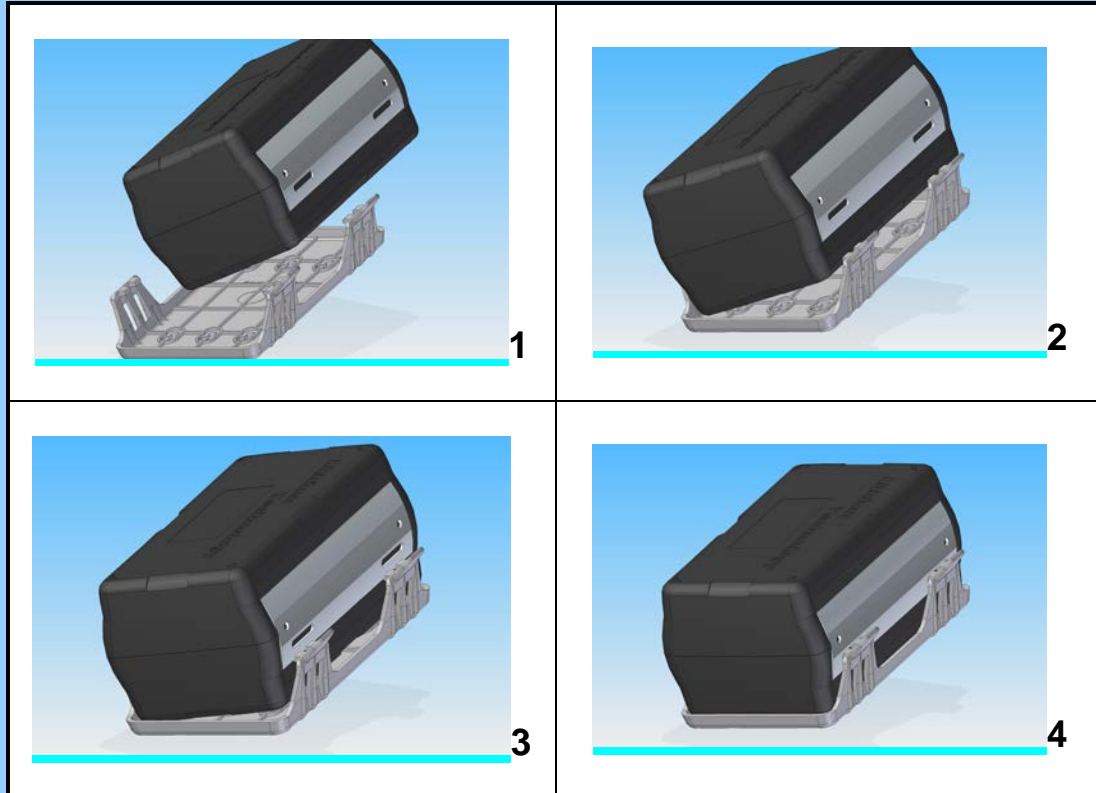
The Battery Box is fabricated from a durable Plastic material for optimal resistance to shock, vibration and resistance to mechanical stress. robust construction, snap-fit screwless assembly

OEM / ODM service & customized logo available

Holding down device work with snapping locking-system



the pictures show you how to fixing the battery on holder



The Holder is optional and not included!!

AccuPower is offering an OEM/ODM service - where customers can customize their own design.