

BATTERY Li-Ion 3.7 V 1000mAh

Li-Ion 3.7V, 1000mAh Battery Pack with Protection Circuit

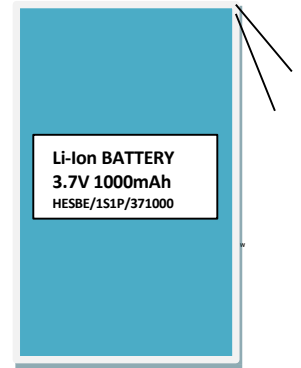
MODEL: HESBE/1S1P/371000

Nominal Voltage : 3.7Volt
 Battery Capacity : Typical 1000mAh Minimum 900mAh at 20 C
 Battery Pack Dimensions: W – 6 mm * H – 35 mm * L – 50 mm Approx

Charging : 4.20Volts CC/CV
 Standard Charging : 4.2V, 500 mA for 4Hrs (Max 1A)
Discharging : 1A Max

Standard Discharging : 500 mA

For Safety Low battery Cut-off around 3.00V must be provided in Equipment Design by OEM



Protection Circuit Details

Dimensions PCM : L-14mm X W-4mm X H-2.5mm
 Charge Rate : 1A Continuous
 Discharge Rate : 2A Continuous, Pulsated 4 A max
 Protections : Over Charge cut-off at 4.30V Approx
 Deep Discharge cut-off at 2.30V Approx
 Short Circuit Protection (**No Reverse Charge Protection**)

Operating Temperature

Charge : -0 C - +45 C
 Discharge : -10 C - +60 C

For more details please see cell Data Sheet

Cell Used : Prismatic Type
 Weight : 20 grams Approx

Termination/ Connector: Loose Wire Insulated at Terminations (NO CONNECTOR)

Wire Gauge & Length : 7 x 36 (Outside Battery Pack)

- . The above Wire is for reference, Connector can be used for OEM orders.
- . Take our approval for higher Charge/ Discharge rates than above limits, send us written actual current (continuous, peak, pulse) and temperature data of end application.
- . The battery must be recharged Immediately after usage/ kept unused for 2 months.

PREPARED	CHECKED	CUSTOMER APPROVAL/ REMARK

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13.1 Instructions and Safety Requirement :

- Always charge your battery directly after each use. One of the most damaging things you can do to any battery is to leave it in a discharged condition. It is recommended that you recharge your battery within a maximum of 30 days after its last use.
- Your battery should be stored and recharged in a dry environment between 0 degrees Centigrade to 45 degrees Centigrade. It can be used in temperatures of -10 degrees Centigrade to +60 degrees Centigrade but any long term storage at extreme temperatures i.e. car boot at the height of summer, should be avoided.
- To clean your battery. just use a damp cloth. Do not use any solvents or abrasive cleaners.
- Do not short the terminals or open the casing. There are no serviceable parts inside and to do so would invalidate your warranty.
- Do not drop, throw or puncture the battery.
- Do not disassemble the battery.
- Do not use or store in extreme temperatures.
- Do not charge through the discharge outlet.
- Do not solder anything directly to the terminals.
- Do not charge with a Lead Acid charger.
- Do not immerse in water or other liquid
- Do not short the battery terminals.