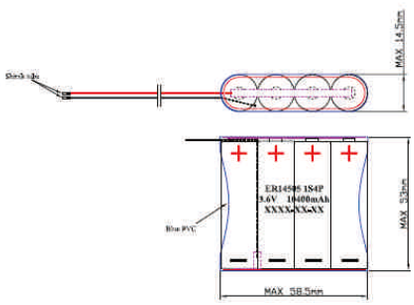
GREEN ENERGY
Lithium Battery Expert

Lithium-thionyl chloride(Li-$SOCl_2$) Battery Pack

ER14505-1S4P

Electrical Characteristics

Nominal Voltage	**3.6V**
Nominal Capacity At 1mA, +23℃, 2.0V cut-off. The capacity restored by the cell varies according to current drain, temperature and cut-off. The cut-off voltage below 2.0V, consult GREEN ENERGY.	**10400mAh**
Max. Continuous Current At 100mA, +23℃, 2.0V cut-off. The capacity was 50% of nominal capacity.	**100mA**
Max. Pulse Current 200mA/0.1second pulses, drained every 2 min at +23℃ from undischarged cells with 10uA base current, yield voltage readings above 3.0V. The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history. Fitting the cell with a capacitor may be recommended in severe conditions. Consult GREEN ENERGY.	**200mA**
Storage Temperature Range	**+20℃ ~ +25℃**
Operating Temperature Range Operation above ambient temperature may lead to reduced capacity and lower voltage readings at the beginning of pulses.	**-55℃ ~ +85℃**
Thickness	**Max. 14.5mm**
Width	**Max. 58.5mm**
Height	**Max. 53mm**
Typical Weight	**Approx. 75g**
Li Metal Content	**Approx. 2.8g**



Drawings just for reference, any special demands, please don't hesitate to contact us.

Key Features

- High and stable operating voltage
- Low self-discharge rate (less than 2% after 1 year of storage at +20℃)
- Wide operating temperature range (-55℃ ~ +85℃)/(-67℉ ~ +185℉)
- Stainless steel container and cap
- Hermetic glass-to-metal sealing
- Non-restricted for transport

Main Applications

- Utility metering
- Automatic meter reading
- Tollgate systems
- Alarms and security devices
- Memory back-up
- Tracking systems
- Automotive electronics
- Professional electronics

Note:Information above just for your reference, more details please contact Green Energy Battery Co.,Ltd.