

Energy Technology Co., Ltd.

High Power Spiral D Cell

Primary Lithium Battery
Model: **LSH20**

3.6V Primary lithium-thionyl chloride
(Li-SOCl₂) Power Type

For higher drain/pulse operating
applications requesting superior
voltage response in -55°C ~+85°C
environments

Cell size references

UM1-R20-D

Alternative models

LST33600

Electrical characteristics

(Typical values relative to cells stored for one year or less at +30°C max.)

Nominal capacity 14.5Ah

(At 5mA +20°C, 2.0V cut off. The capacity restored varies according to current, temperature, cut off)

Open circuit voltage (At 20°C) 3.66V

Nominal voltage (At 5mA +20°C) 3.6 V

Max. continuous current (at +20°C) 2000mA

Typical Max. continuous current (at +20°C) 3000mA

Pulse capability: Typically up to 3000mA 3000mA/0.1second pulses drained every 2min at 20°C from cells with 100µA base current, yield voltage readings above 3.0V. The readings may vary according to pulse characteristics, temperature and cell's previous history. Fitting the cell with a capacitor may be recommended in severe conditions.

Storage (recommended) +30°C(+86°F)Max

Operating temperature range -55°C~+85°C

(High and low temperature will lower the capacity and load voltage.) -76°F~+185°F

Physical characteristics

Diameter(Max) 34mm(1.34in)

Height(Max) 61.5mm(2.42in)

Typical weight 106g(3.47oz)

Available terminal suffix radial tabs, radial pins, axial leads, flying leads