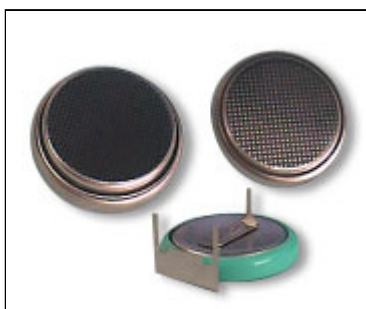




Lithium ion Rechargeable (secondary) Coin Cells from PowerStream

**New: 10 mm and 12 mm diameter rechargeable
coin cells**



for lithium
are avail
PowerSt
here.

Custom design and manufacture of state-of-the-art battery packs,
battery chargers, UPS, and power supplies for OEMs in a Hurry











For more battery engineering resources click here: ☀
Primary and Coin Lithium Battery Primer: ☀

Features:

- (1) High energy density up to 270WH/Kg.
- (2) High operation voltage, 3.6 V depending upon loading resistance.
- (3) Wide operation temperature range, -20 °C to +60 °C .
- (4) Non-magnetic stainless steel case, hermetically sealed. Safe for transportation and general shock. No leakage problem.

The LIR series of secondary (rechargeable) lithium button cells gives gives high voltage, long shelf life, and high energy density in a small cell. Applications include laptop computers, PDA, IC cards, electric clocks, watches, remote control keys, cameras, toys, etc.

Model Number	Data Sheet	Normal voltage (V)	Normal Capacity (mAh)	Max Discharge (mA)	Internal Impedance	Cycle Life (times)	Dimension (mm)	Approx Weight (g)	Price 100-999	Price 1000-9,999	Price 10,000+
Lir1025	Data	3.6V	6±2	8 mA		500	10mm diameter,	0.5g	\$1.35	\$1.13	\$0.90

	Sheet 		mAh				2.5 mm thick					
Lir1220	Data Sheet 	3.6V	8±2 mAh	10 mA		500	12mm diameter, 2.0 mm thick	0.7g	\$1.35	\$1.13	\$0.90	
Lir1620 Drawing for optional horizontal pins	Data Sheet  ROHS Certificate	3.6V	11 mAh	20 mA	1.2 Ohms	500	16.0*2.2	1.2g	\$1.35	\$1.13	\$0.90	
Lir2016	Data Sheet  ROHS Certificate	3.6V	15 mAh	24 mA	1.0 Ohms	500	20.0*1.8	1.6g	\$1.35	\$1.13	\$0.90	
Lir2025	Data Sheet  ROHS Certificate	3.6V	25 mAh	40 mA	0.75 Ohms	500	20.0*2.7	2.2g	\$1.35	\$1.13	\$0.90	
Lir2032	Data Sheet  ROHS Certificate	3.6V	35 mAh	70 mA	0.60 Ohms	500	20.0*3.2	3.0g	\$1.26	\$1.05	\$0.84	
Lir2430	Data Sheet  ROHS Certificate	3.6V	60 mAh	110 mA	0.60 Ohms	500	24.5*3.2	3.7g	\$1.53	\$1.25	\$0.97	
Lir2450	Data Sheet  ROHS Certificate	3.6v	110mAh	200 mA	0.40 Ohms	500	24.5*5.4	5.2g	\$1.85	\$1.52	\$1.18	
Lir2477	Data Sheet  ROHS Certificate	3.6v	160mAh	300 mA	0.30 Ohms	500	24.5*8.4	7.8g	\$2.02	\$1.66	\$1.29	
LIR3048 LIR3055	Data Sheet  ROHS Certificate	3.6V	230mAh	230mA		500	30.5*5.5mm	8.5g	\$2.50	\$1.93	\$1.39	\$5

Quantity pricing is based on one order, one shipment. Allow time for ocean freight from China for large quantities of lithium containing cells.

Caution:

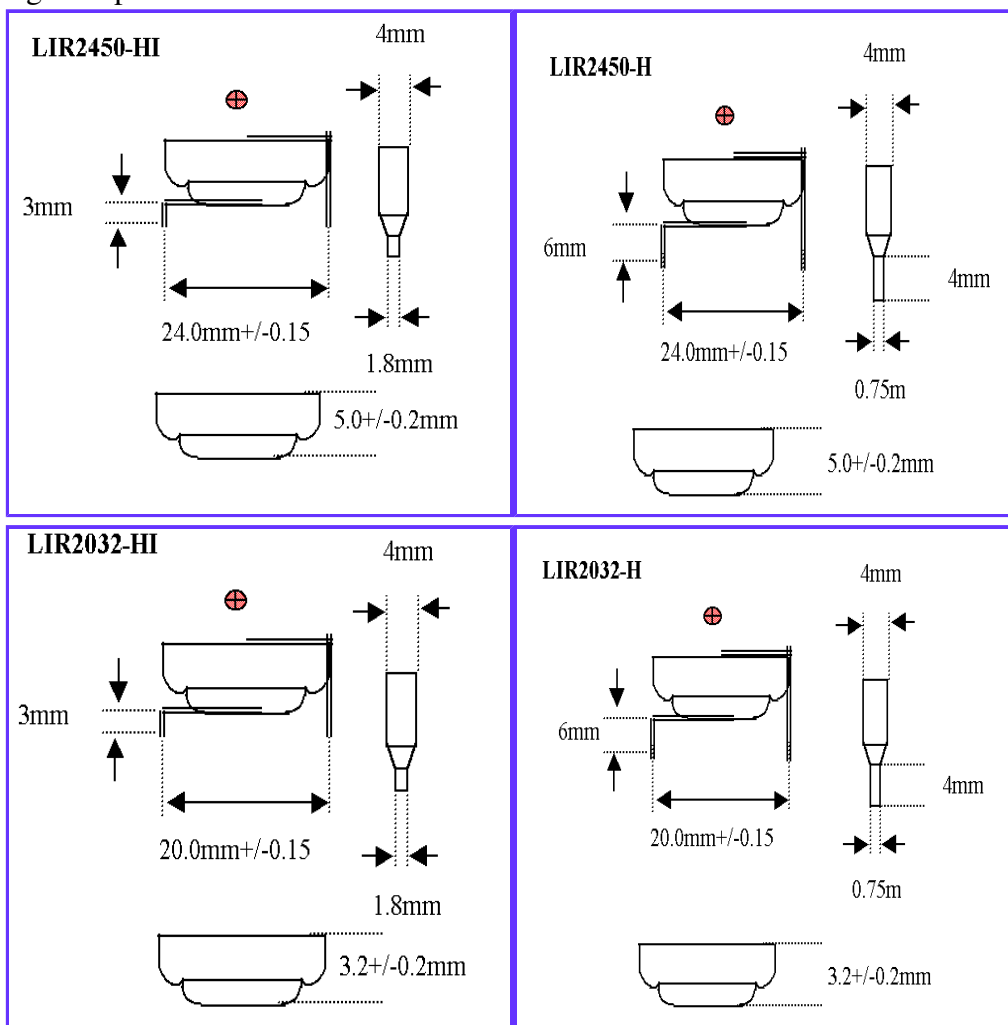
(1) Do not short-circuit

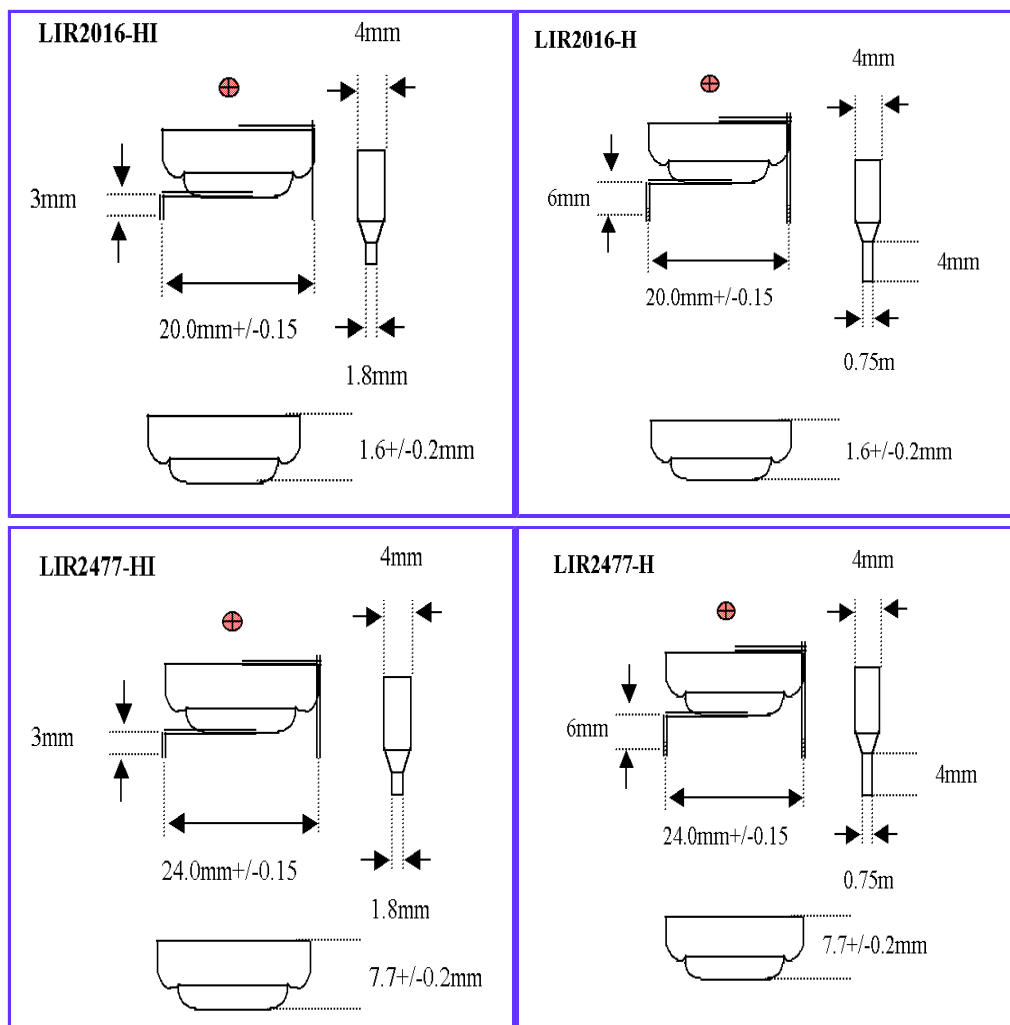
- (2) Do not over-discharge , dent, crush, or burn the battery.
- (3) The battery should be removed from the instrument when battery is depleted.
- (4) Do not try to solder directly to the battery, don't put through solder reflow process .
- (5) Do not disassemble the batteries.
- (6) Do not use outside specified temperature range

PowerStream offers these lithium ion rechargeable coin cells to original equipment manufacturers. We have supplied many thousands of these cells to many happy customers in the USA, Korea, Japan, and Europe.

Terms FOB China, payment with order. Prices are subject to change, please inquire for current prices. 3-6 weeks delivery time. Shorter times (3-6 days) will be quoted upon request.

Following are examples of solder tabs that have been made. Even though surface mount tabs are available, these cells will be damaged if put through a surface mount reflow process due to the high temperatures involved.





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PowerStream Technology: 140 South Mountainway Drive, Orem Utah 84058

Phone: 801-764-9060, 9062, 9063, or 9064 ♦ Fax: 801-764-9061



PowerStream Technology
 140 South Mountainway Dr.
 Orem, UT 84058
 Phone: 801-764-9060, 9062, 9063, or 9064
 Fax: 801-764-9061
[Map & Directions](#)

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Lithium ion coin cells