

Battery Breakthrough for Your Customers!
RJD Series High-Capacity Lithium-Ion
Rechargeable Coin-Cell Batteries



Introduction to RJD Series Batteries...*a new concept in lithium-ion rechargeable coin-cell batteries...*

- World's highest mAh capacity will significantly boost your customers' product performance!
 - Increased running time
 - More power when needed
 - Where size is critical, allows a smaller battery
 - Greater reliability
- Increased capacity is achieved by greatly eliminating "dead space" in the package
- Patented technology virtually eliminates risk of internal shorts



The RJD Series outshines other rechargeables with more benefits...

- Wide operating temperature range
- Safer design
 - More resistant to overheating than conventional coin-cell batteries
 - UL Listed
- Round package design matches standard sizes and is a good match for IoT wearables, smart watches, Bluetooth headsets, hearing aids and much more.
- Available leaded or with conventional flat terminals



RJD is available in popular battery sizes



All RJD batteries are UL listed!

IC Part Number	Capacity Nom. / Min. (mAh)	Charging Current (mA)	Discharge Current Standard / Max (mA)	Maximum Internal Resistance (mΩ)	Weight (G)	D x H (mm)
RJD2032C1	85 / 80	40	16 / 160	600	3.4	20 x 3.5
RJD2048	120 / 110	60	24 / 240	700	4.2	20 x 5
RJD2430C1	110 / 104	55	22 / 220	500	4.5	24.5 x 3.15
RJD2440	150 / 140	75	30 / 300	700	5.4	24.5 x 4.3
RJD2450	200 / 190	100	40 / 400	500	6.5	24.5 x 5.4
RJD3032*	200 / 190	100	40 / 400	600	7.2	30 x 3.4
RJD3048*	300 / 290	150	60 / 600	400	9.3	30 x 4.8
RJD3555*	500 / 490	250	100 / 1000	200	14	35.2 x 5.7

* Additional stocked standard cells with PCM (Protective Circuit Control) & connector:

- RJD3032HPPV30M
- RJD3048HPPV30M
- RJD3555HPPV30M



Potential applications for the RJD Series are rapidly multiplying. *Everyone wants more battery life!*

- Wearable Electronic Devices
 - Smart Watches
 - Fitness bands
- IoT Devices
- Dash-cam
- Key Fob
- Memory Backup Circuits
- Bluetooth
- Wireless Security Products
- Consumer Electronics

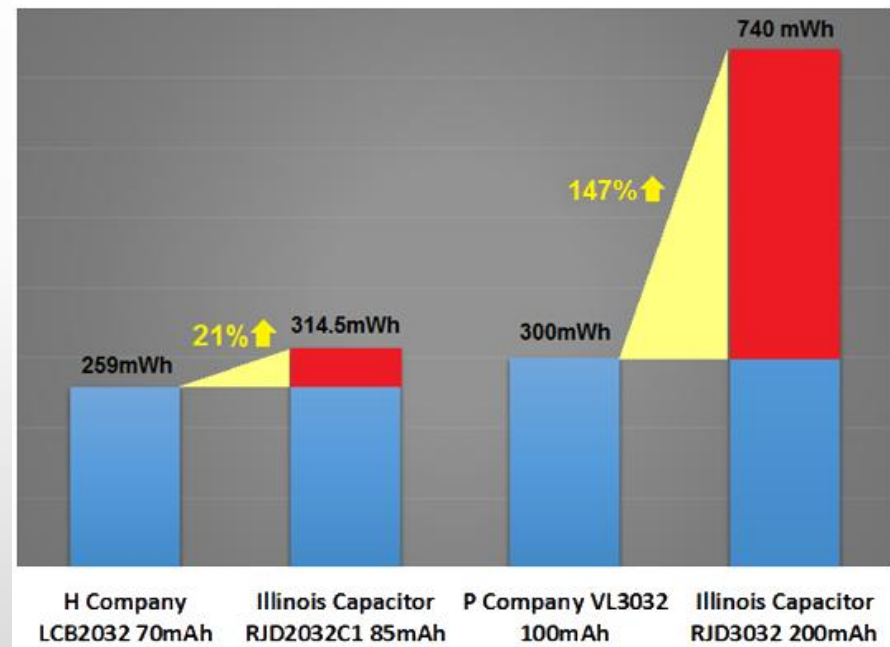


Competitor Comparison

In a direct comparison with a popular competitive battery, RJD Series batteries deliver significantly greater mWh!

Ask your customers how they would like that advantage!

Illinois Capacitor RJD Series vs. Industry Competitors



Sizing up a winner!

RJD lithium-ion rechargeable batteries offer best-in-class performance!

- Highest mAh capacity
- Increases operating life of IoT wearables, Bluetooth devices, more
- Round package matches standard sizes; applications
- Wide operating temperature range
- Patented technology virtually eliminates internal shorts
- Safer design, UL Listed



Sizing up a winner!

- Popular sizes are stocked by Digi-Key and Illinois Capacitor.
- Ask about custom sizes, terminations and even shapes!



RJD lithium-ion rechargeable batteries are the right batteries at the right time!