

# Extended Storage and Recovery Capacity for RJD Batteries

- Long-term storage temperature is -20°C to +25°C with +15°C ideal.
- Cells should be stored with a partial charge between 30% and 50%.
- Cells with partial charge will lose approximately 1.3% capacity annually.
- Cells with full charge will lose approximately 2.8% capacity annually.



## Typical Results of Recovery Capacity After Extended Storage

	RJD2048 at shipment charge after 10 year storage						RJD2430 at full charge 6 year storage					
#	Voltage (V)	Resistance (mΩ)	Thickness (mm)	Initial Estimated Capacity (mAh)	Recovery Capacity (mAh)	Recovery Capacity (%)	Voltage (V)	Resistance (mΩ)	Thickness (mm)	Initial Estimated Capacity (mAh)	Recovery Capacity (mAh)	Recovery Capacity (%)
1	3.63	297	4.85	124	108.1	87%	3.81	324	2.874	108	90.5	84%
2	3.65	330	4.869	124	106.5	86%	3.81	426	2.88	108	89.4	83%
3	3.66	275	4.874	124	108.9	88%	3.81	340	2.911	108	89.6	83%
4	3.66	293	4.859	124	105.6	85%	3.81	351	2.883	108	89.1	83%