



LI/SOCL2 APPLICATION ENGINEERING

Maximum Rate Capabilities for Full Capacity

CELL PART #	CELL TYPE	MAX RATE 0°C	MAX RATE +20°C to +40°C	MAX RATE +50°C OR ABOVE
UHR-ER34615-X	D Spiral (High Rate)	167.0 mA	333.0 mA	666.0 mA
UHE-ER34615-X	D Bobbin (Low Rate)	49.0 mA	98.0 mA	195.0 mA
UHR-ER26500-X	C Spiral (High Rate)	140.0 mA	280.0 mA	560.0 mA
UHE-ER26500-X	C Bobbin (Low Rate)	25.0 mA	49.0 mA	98.0 mA
UHR-ER14505-X	AA Spiral (High Rate)	53.0 mA	105.0 mA	210.0 mA
UHE-ER14505-X	AA Bobbin (Low Rate)	11.4 mA	23.0 mA	46.0 mA

Maximum Recommended Discharge Rate (Reduced Capacity)

CELL PART #	CELL TYPE	MAX RATE 0°C	MAX RATE +20°C to +40°C	MAX RATE +50°C OR ABOVE
UHR-ER34615-X	D Spiral (High Rate)	500.0 mA	667.0 mA	1,000.0 mA
UHE-ER34615-X	D Bobbin (Low Rate)	146.0 mA	195.0 mA	293.0 mA
UHR-ER26500-X	C Spiral (High Rate)	420.0 mA	560.0 mA	840.0 mA
UHE-ER26500-X	C Bobbin (Low Rate)	74.0 mA	98.0 mA	147.0 mA
UHR-ER14505-X	AA Spiral (High Rate)	158.0 mA	210.0 mA	315.0 mA
UHE-ER14505-X	AA Bobbin (Low Rate)	34.0 mA	46.0 mA	69.0 mA

Note:

Discharging cells at or above the maximum discharge rate indicated above will result in reduced capacity and slightly lower closed-circuit voltage (CCV) compared to the full capacity rates given above. Discharging cells at or above the maximum recommended discharge rate above can result in cell internal heating especially during the last half of cell life. Warning: Discharging at rates above the maximum recommended rate can cause cell internal heating, hardware expansion, electrolyte leaks, and in some cases cell vent or explosion. Always contact Ultralife to determine if your desired discharge rate is safe or may lead to cell damage, venting, or explosion.



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