

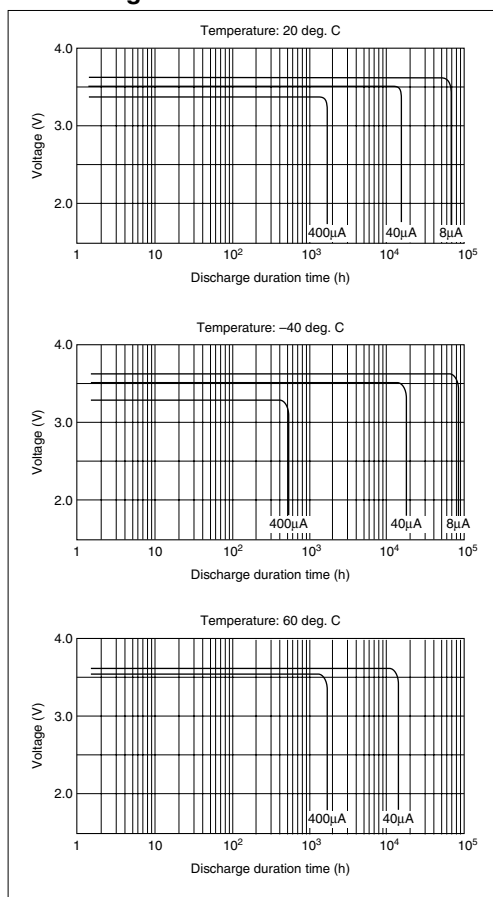
Model	ER3S	
System	Li-Thionyl Chloride/Inorganic Electrolyte	
Nominal Voltage (V)	3.6	
Nominal Capacity (mAh)*	790	
Nominal Discharge Current (μA)	35	
Temperature Ranges (deg. C)	min.	max.
Operating	-55	+85
Weight (g)**	7	
Dimensions (mm)**		
Diameter	14.5	
Height	26	
UL Recognition	MH12568	

Available Terminals and Wire Connectors

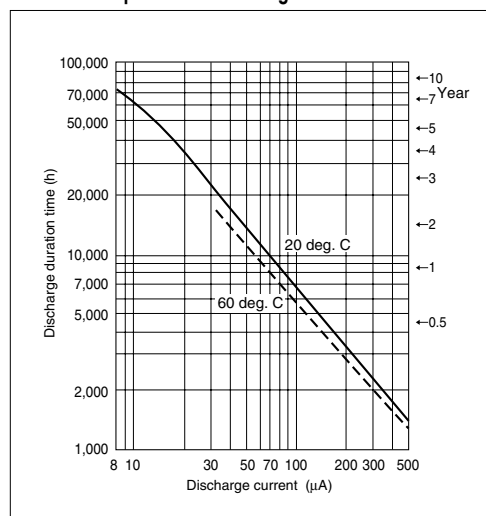
Check http://www.maxell.co.jp/e/products/industrial/battery/pdf/er3stw_e.pdf for diagrams of batteries with terminals.

Characteristics

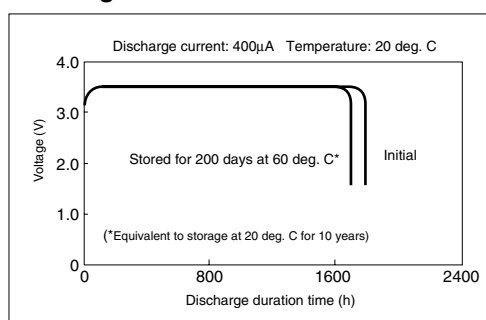
● Discharge Characteristics



● Relationship between Discharge Current and Duration Time



● Storage Characteristics



* Nominal capacity indicates duration until the voltage drops down to 2.0V when discharged at a nominal discharge current at 20 deg. C.

** Dimensions and weight are for the battery itself, but may vary depending on the shape of terminals or other factors.

Diagrams of Batteries with Terminals

ER3S #2 PC	ER3S WKP	ER3SR #4
Technical drawing of the ER3S #2 PC connector. The top view shows a circular housing with a central pin and a diameter of 14.5 mm. The side view shows a total height of 28.5 mm, a mounting hole diameter of 11.5 mm, and a pin diameter of 0.7 mm. The bottom view shows a circular base with a diameter of 14.5 mm and a mounting hole diameter of 11.5 mm. The pin is labeled with a positive (+) terminal.	Technical drawing of the ER3S WKP connector. The top view shows a circular housing with a diameter of 14.9 mm and a central pin. The side view shows a total height of 29.3 mm, a mounting hole diameter of 11.5 mm, and a pin diameter of 0.7 mm. The bottom view shows a circular base with a diameter of 14.9 mm and a mounting hole diameter of 11.5 mm. The pin is labeled with a positive (+) terminal. The lead wire is labeled with a positive (+) terminal and a negative (-) terminal. Housing: IL-S-2S-S2C2- S Contact: IL-S-C2-S-1-10000 Lead wire: AWG26	Technical drawing of the ER3SR #4 connector. The side view shows a rectangular housing with a width of 16.4 mm and a height of 28 mm. The lead wire is labeled with a positive (+) terminal and a negative (-) terminal. Housing: 22-01-2025 Contact: 08-55-0102 Lead wire: AWG26

 : Tin plating