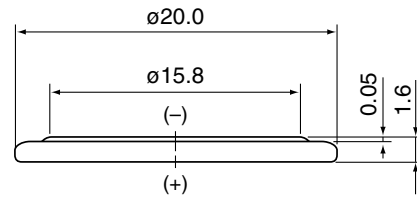


# ML2016

<b>Model</b>	ML2016	
<b>System</b>	(Li-Al) alloy-Manganese Dioxide/Organic Electrolyte	
<b>Nominal Voltage (V)</b>	3	
<b>Nominal Capacity (mAh)*</b>	25	
<b>Nominal Discharge Current (<math>\mu\text{A}</math>)</b>	200	
<b>Charge/Discharge Cycle Lifetime</b>		
<b>Depth of Discharge = 10%</b>	1,500 (2.5 mAh discharge) (total capacity 3,750 mAh)	
<b>Depth of Discharge = 20%</b>	500 (5 mAh discharge) (total capacity 2,500 mAh)	
<b>Temperature Ranges (deg. C)</b>	<b>min.</b>	<b>max.</b>
<b>Operating</b>	-20	+60
<b>Weight (g)**</b>	1.8	
<b>Dimensions (mm)**</b>		
<b>Diameter</b>	20	
<b>Height</b>	1.6	
<b>UL Recognition</b>	MH12568 (N)	

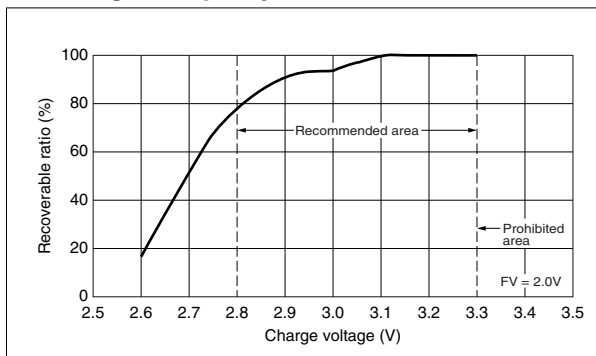


## Available Terminals and Wire Connectors

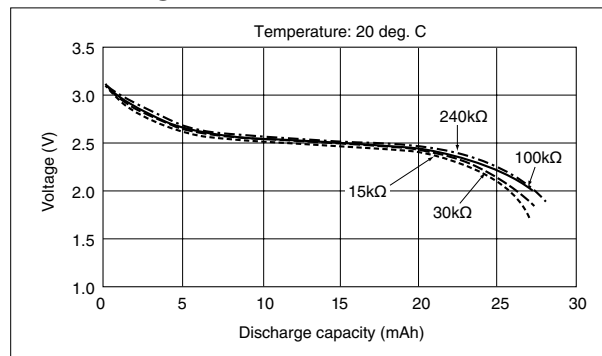
Check [http://www.maxell.co.jp/e/products/industrial/battery/pdf/ml2016e\\_.pdf](http://www.maxell.co.jp/e/products/industrial/battery/pdf/ml2016e_.pdf) for diagrams of batteries with terminals.

## Characteristics

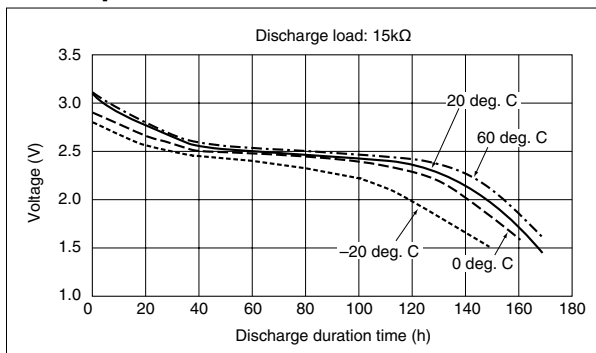
### ● Charge Property



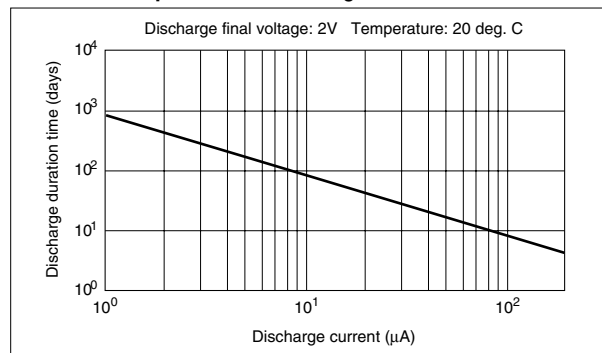
### ● Discharge Characteristics



### ● Temperature Characteristics

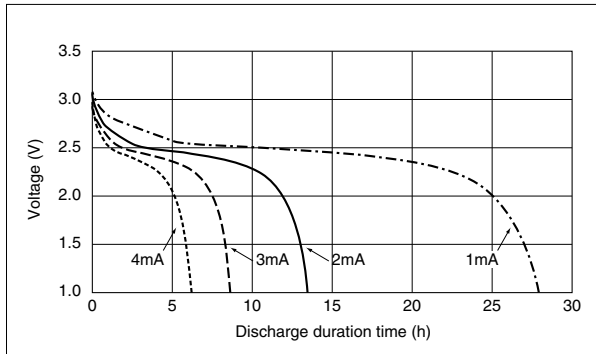


### ● Relationship between Discharge Current and Duration Time

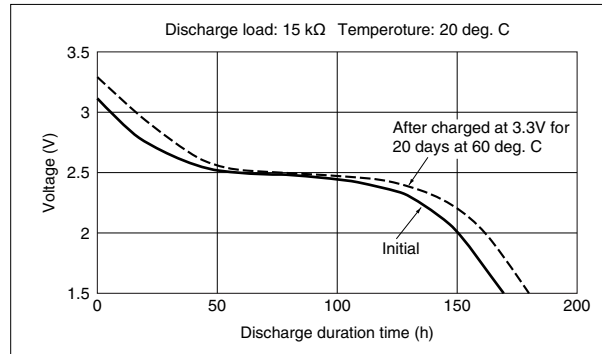


## Characteristics

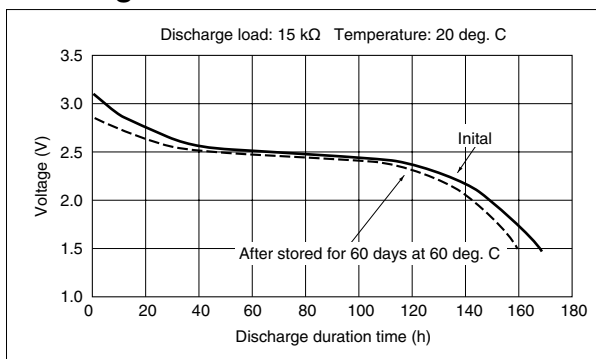
### ● High Rate Discharge Characteristics



### ● Floating Charge Characteristics



### ● 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.