

<b>Type Number</b> .....	6106
<b>Designation IEC</b> .....	FR14505
<b>System</b> .....	Lithium / Iron Disulfide (Li/FeS <sub>2</sub> )
<b>Shelf Life (coding)*</b> .....	15 years
<b>Nominal Voltage</b> .....	1.5 V
<b>Typical Capacity C</b> .....	3000 mAh
(at 48 Ohm to 0.8V at 25±2 °C)	
<b>Max. continuous discharge current</b>	3000 mA
<b>Max. pulse discharge current</b> .....	4000 mA
<b>Temperature Range (Operating)...</b>	-40°C .... +60°C
<b>(Storage).....</b>	-20°C .... +40°C
<b>Weight (approx.)</b> .....	15 g

<b>Dimensions (mm)</b>	min	max
Ø	13.7	14.5
A	-	50.5
B	49.5	-
C	7.0	-
E	-	0.5
F	-	5.5
G	1.0	-

**Typical Capacities (at 20°C)**

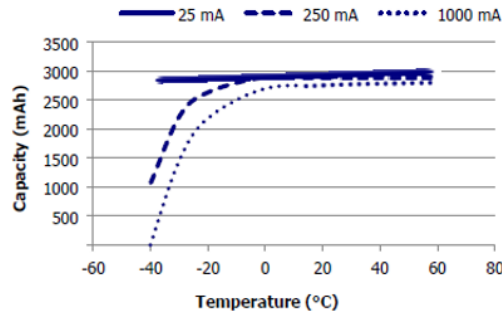
Discharge Type	Load	End Voltage [V]	1.05
2s/28s,5M/H High drain application	1500mW/650 mW	Pulse [n]	540
Discharge Type	Load	End Voltage [V]	1.0
4m/15m, 8h/d High intensity lighting	1000 mW	Time [min]	195

\*:in consideration of typical loss of capacity at storage and application

Performance Data (Typical)

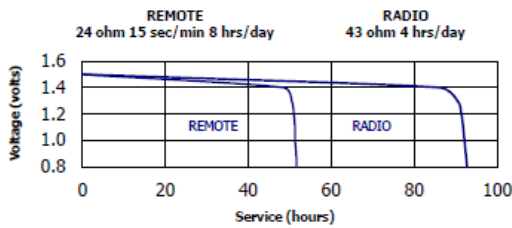
**Typical Discharge Curve Characteristics**  
Constant Current Discharge at 21°C (low and high drains)

**Temperature Effects on Capacity**  
Constant Current Discharge

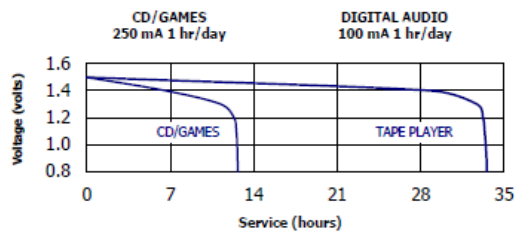


**Industry Standard Testing (21°C):**

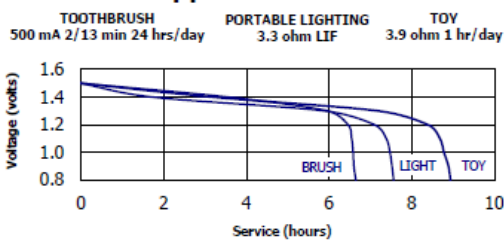
**Application Tests**



**Application Tests**



**Application Tests**



**Industry Standard Tests**

