

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

Dimensions (mm)	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)

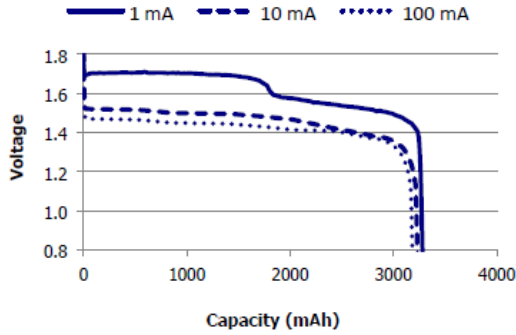
Discharge Type	Load	End Voltage [V]	1.05
2s/28s,5M/H High drain application	1500mW/650 mW	Pulse [n]	540
Discharge Type	Load	End Voltage [V]	1.0
4m/15m, 8h/d High intensity lighting	1000 mW	Time [min]	195

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

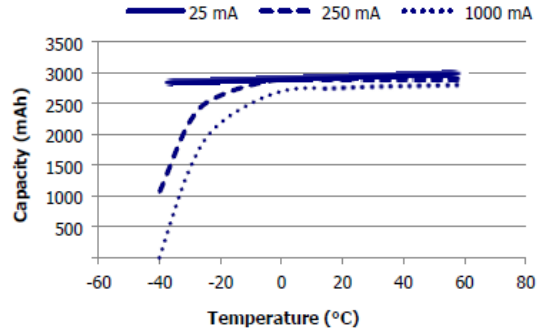
Performance Data (Typical)

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

Discharge Profile
Constant Current Discharge

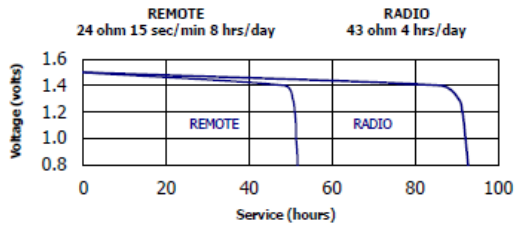


Temperature Effects on Capacity
Constant Current Discharge

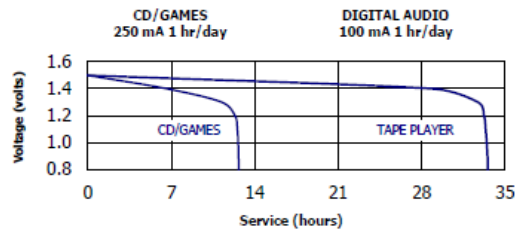


Industry Standard Testing (21°C):

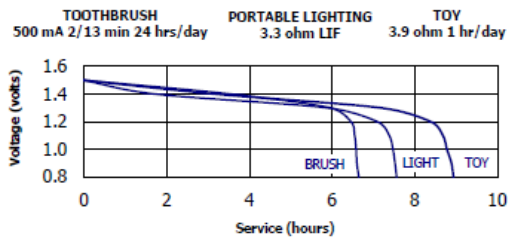
Application Tests



Application Tests



Application Tests



Industry Standard Tests

