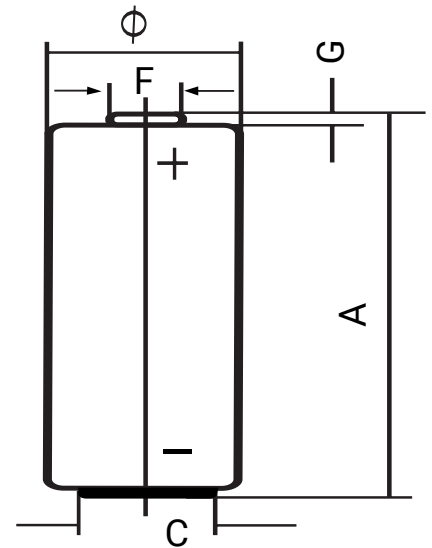


■ Specifications

Type Designation	IEC/JIS LR20 ANSI: 13A Common: D
Chemical System	Zn / KOH-H ₂ / MnO ₂
Nominal Voltage	1.5V
Nominal Capacity	Approx. 18400mAh 25mA, 24h/d, 20°C, 0.8V cut off voltage
Weight	Approx. 142.0 g
Operating Temperature	-18°C ~ 55°C 0°F ~ 130°F
Standards Compliance	IEC 60086-5 2013/56/EU; 94/62/EC



Dimensions

	Min.	Max.
Φ	32.3	34.2
A	59.5	61.5
C	18.0	-
F	-	9.5
G	1.5	-

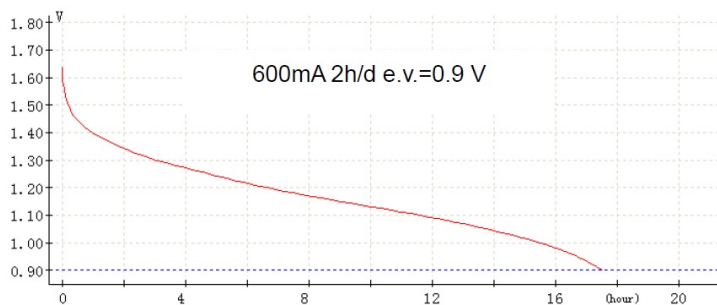
■ Open and Closed Circuit Voltage

	Initial		Stored 1 Year	
	Min.	Norm	Min.	Norm
OCV (V)	1.57	1.60	1.55	1.57
1.0Ω 0.3sec CCV (V)	1.30	1.38	1.20	1.30
S.C.(A) reference	7.5	12.0	5.5	9.0

■ Load Performance

Load	Test Mode	End Voltage	Applications	Unit	Initial	Stored 1 Year
2.2Ω	24hr/day	0.9V	Reference	hr	19.5	18.5
600mA	2hr/day	0.9V	Portable Stereo	hr	17.5	16.0
1.5Ω	4m/15m, 8hr/day	0.9V	Portable Lighting	hr	14.7	14.0
2.2Ω	1hr/day	0.8V	Toy	hr	25.7	24.0
10Ω	4hr/day	0.9V	Radio	hr	132	128

■ Discharge Curve



REV A