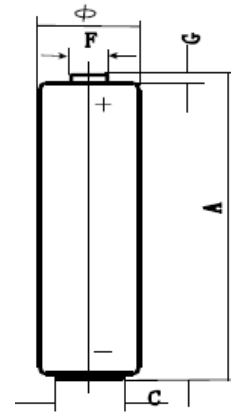


■ Specifications

Type Designation	IEC/JIS R20P Common: D
Chemical System	Zn/ZnCl ₂ -NH ₄ Cl-H ₂ O/MnO ₂
Nominal Voltage	1.5V
Nominal Capacity	Approx. 8000mAh 3.9Ω 24h/d, 20°C 0.9V cut-off voltage
Weight	Approx. 83.8g
Operating Temperature	-18°C ~ 35°C
Recommended Storage Temp.	Not to exceed 30°C
This product complies with EU's battery directive (2016/66/EC). Packaging materials comply with EU's directive on packaging materials and waste (94/62/EC)	



/	min	max
Φ	32.3	34.2
A	59.5	61.5
C	18.0	-
F	-	9.5
G	1.5	-

■ Open Circuit Voltage and Closed Circuit Voltage

	Initial		Stored 1 Year	
	Min.	Norm.	Min.	Norm.
OCV (V)	1.57	1.60	1.55	1.57
3.9Ω 0.3sec CCV (V)	1.45	1.50	1.40	1.46

■ Load Performance

Load	Test Mode	End Voltage	Applications	Unit	Initial	Stored 1 Year
3.9Ω	24h/d	0.9V	Reference	m	650	600
2.2Ω	1h/d	0.8V	Toy	h	7.3	6.5
10Ω	4h/d	0.9V	Radio	h	37.5	36
2.2Ω	4m/h,8h/d	0.9V	Portable lighting	m	350	320

■ Expiration Date Marking

Unless otherwise specified, each battery will carry a DOM code followed by month and year. Shelf life for Zinc Carbon batteries is 36months from DOM.