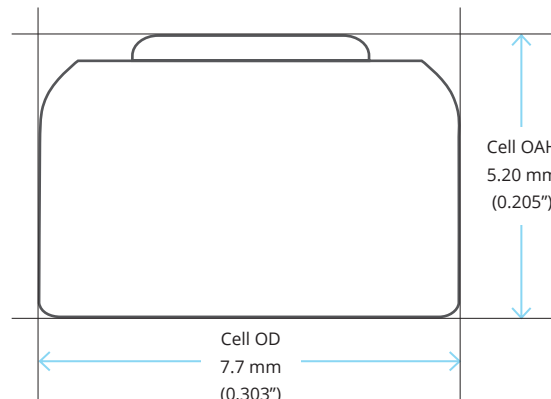


ZPower XR7752

Rechargeable Battery

Common Designations: Size 13, XR48



Performance Parameters		Min	Nominal	Max	Units
Dimensions	Overall Height	5.00	5.20	5.40	mm
	Overall Diameter	7.55	7.70	7.90	mm
	Weight	860	910	960	mg
Capacity (full discharges)		-	40	-	mAh
Energy (full discharges)		-	66	-	mWh
Energy Density		-	272	-	Wh/L
Open Circuit Voltage (full charge)		-	1.86	-	V
Open Circuit Voltage (discharged)		-	1.57	-	V
Discharge End Point Voltage		-	1.2	-	V
Charge Current		-	6.8	-	mA
Charge Voltage		-	2.00	2.01	V
Operating Temperature		0	-	50	°C
Storage Temperature		-40	-	50	°C
Self-Discharge Rate		-	-	3.0	%/month
Life Cycle		>85% capacity after 500 cycles			

Note: All Performance Parameters are based on 25°C ambient temperature.

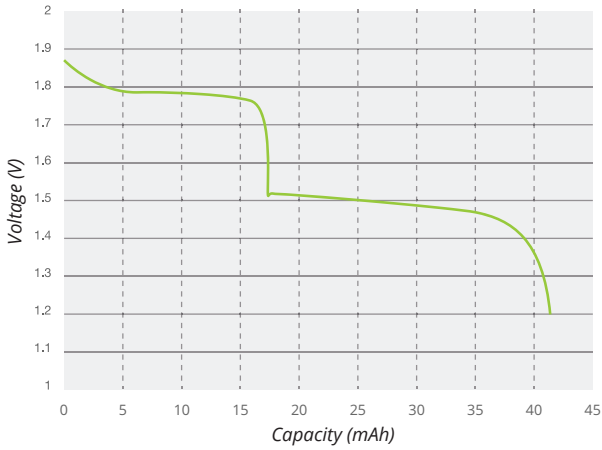
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ZPower XR7752

Rechargeable Battery

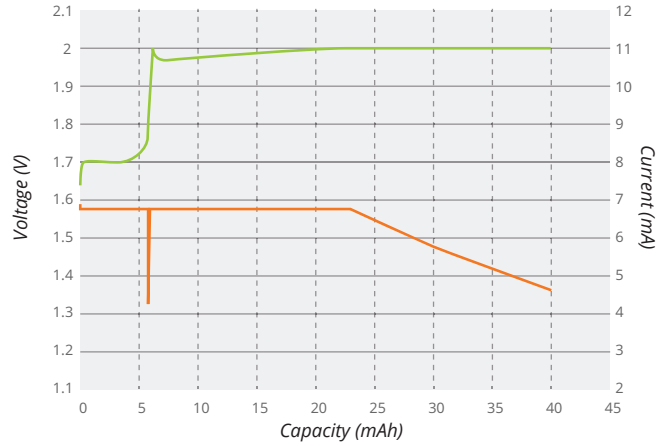
DISCHARGE CURVE (TYPICAL)

2mA constant current drain at 25°C



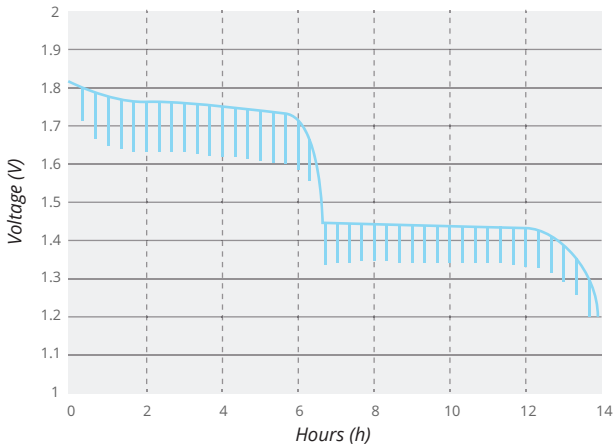
CHARGE CURVE (TYPICAL)

Voltage & Current at 25°C
(2.0V constant voltage, 6.8mA constant current)



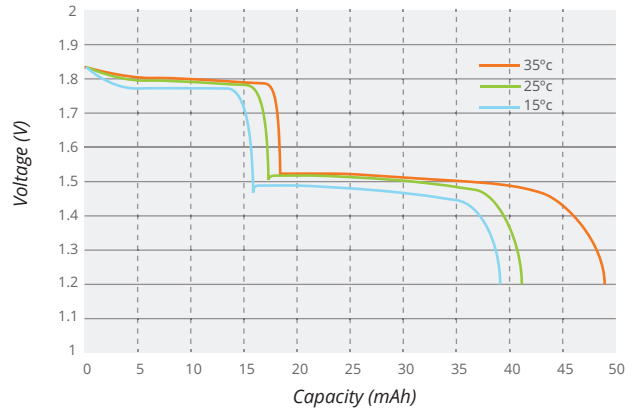
IEC 60086-2 7.4.2 HEARING AID HIGH DRAIN TEST

3mA drain rate, 12mA 100ms pulse load at 25°C



TEMPERATURE CURVES (TYPICAL)

1.5mA constant drain at different temps



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