

5 | Specifications

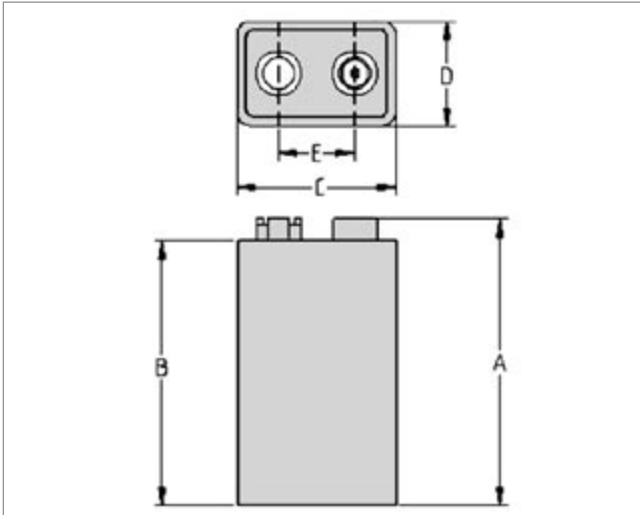
E. 6LR61 Powerline

1. Battery Identification

Name:	9 V / 6LR61/ 6AM6/ MN 1604
Type:	alkaline / metal jacket
Nominal Voltage:	9 V
Electrolyte:	KOH (potassium hydroxide)
Average Weight:	46 g

Manufactured by PBBE

2. Battery Dimensions



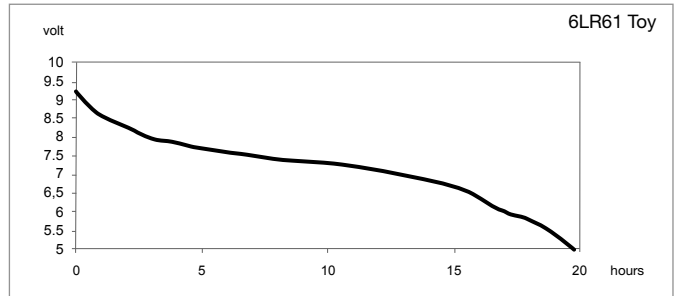
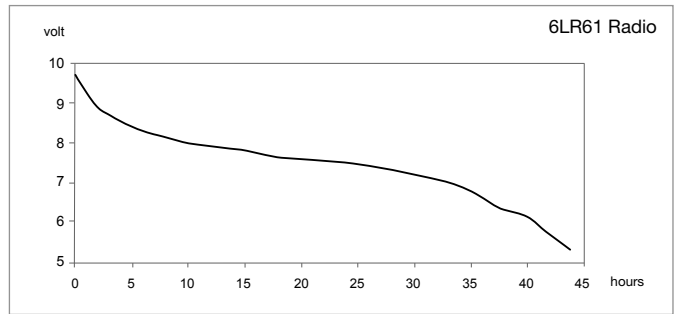
Dimensions (mm)	Max.	Min.	Typical
A	48.5	46.5	48.0
B	46.4		44.2
C	26.5	24.5	25.6
D	17.5	15.0	16.5
E	13.0	12.45	12.7

3. Battery Performance

TEST	DRAIN	DAILY PERIOD	END POINT	RESULT	MIN AVG
Radio	620 ohm	2 h	5.4 V	43.5 h	38.6 h
Toy / Motor	270 ohm	1 h	5.4 V	19 h	17.1 h
Smoke detector (2)	620 ohm	1 sec/h	7.5 V	80 days	66.8 days
	43 k ohm	24 h/d			

Typical Discharge Values

4. Discharge Curves



5. Product Safety Data Sheet

Item	Material	% (Weight)
Total Weight		46 g
Cathode	MnO ₂ /C	34 %
Anode	Zn/KOH	16 %
Separator / Connection paper	Paper	1 %
Current Collector	Brass	4 %
Electrolyte	KOH/H ₂ O	6 %
Steel Can / Leed / Terminals	Ni plated steel	17 %
Bottomplate / Metal Jacket	Tin plated steel	16 %
Label / Terminal base / Insulation sleeve	PVC	2 %
Spacer	Cardboard	1 %

No Mercury (Hg), Cadmium (Cd) or Lead (Pb) are used in the battery.