

# LR6 Standard

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Product specifications for cylindrical  
alkaline battery

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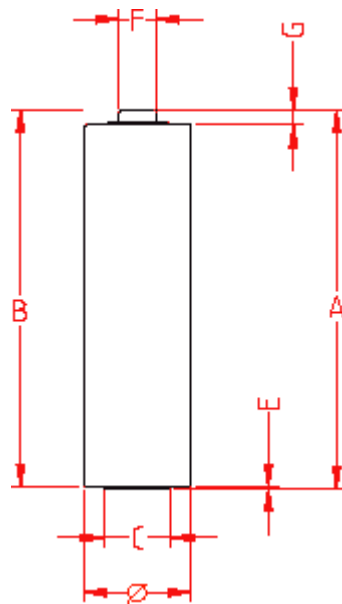
## 1. Battery Identification

Name	M/ LR6/ AM3/ AA/ MN1500
Type	alkaline/ foil
Nominal Voltage	1.5 V
Electrolyte	KOH (potassium hydroxide)
Average Weight	22.7 g
Nominal internal resistance	+/- 100 mOhm (1kHz – fresh)

## 2. Battery Dimensions

Dimension	Max	Min	Typical
A	50.5		50.05
B		49.2	49.75
C		7.0	8.70
E	0.5		0.30
F	5.5		5.00
G		1.0	1.60
Ø	14.5	13.5	14.10

Unit : mm



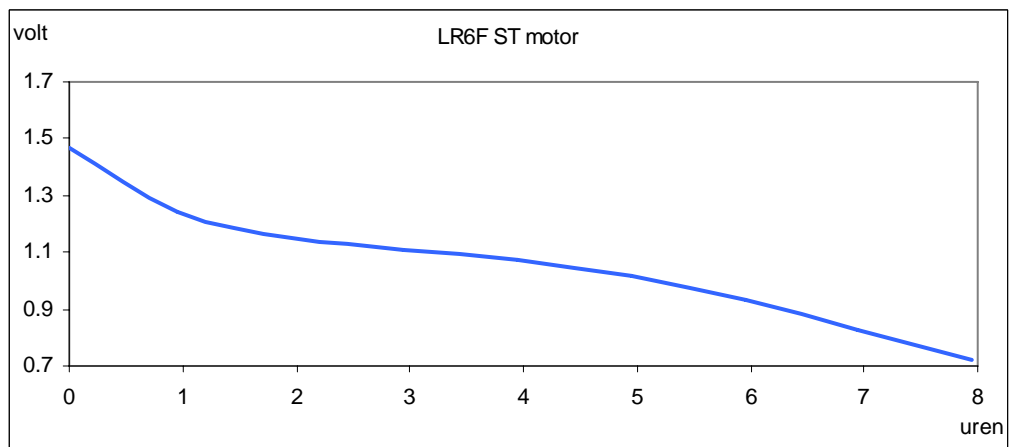
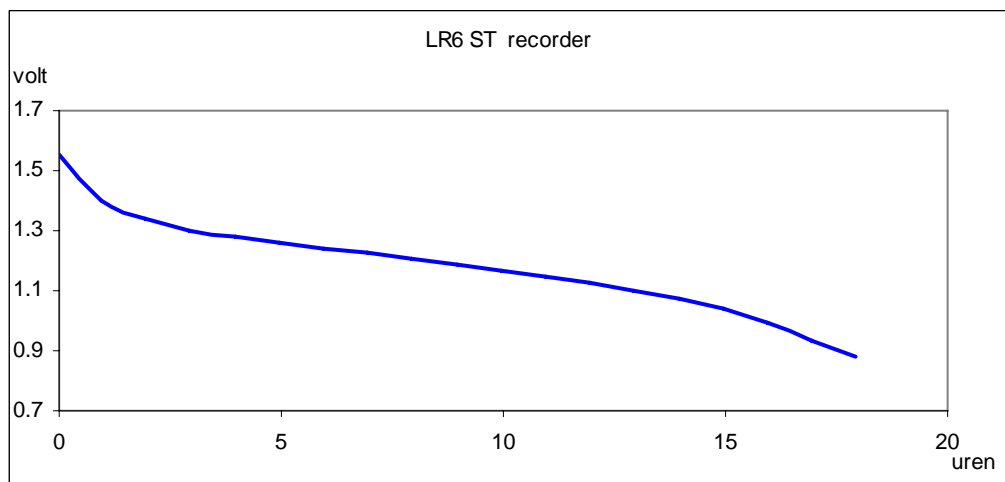
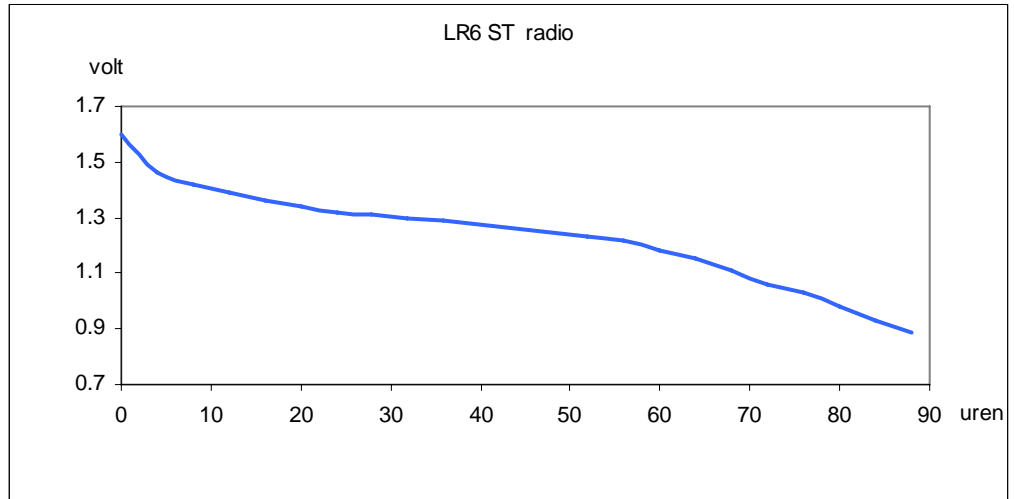
## 3. Battery Performance

### Typical Discharge Values

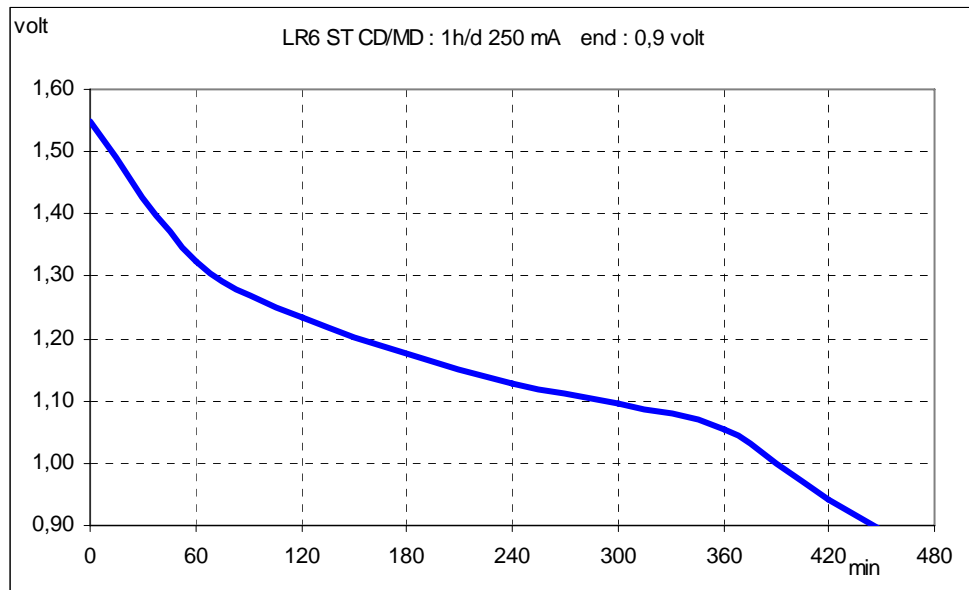
TEST	RESISTANCE	DAILY PERIOD	END POINT	TYPICAL	MIN AVG
Radio	43 ohm	4h	0.9 V	85h	76,7h
Recorder	10 ohm	1h	0.9 V	18,2h	15,2h
LIF	3,9 ohm	4 min/h-8h/day	0.8 V	6,6h	5,5h
Remote control	24 ohm	15s/min-8h/d	1 V	44h	38,9h
Fotoflash	1A	10s/min-1h/d	0.9 V	360 pulses	215 pulses
CD/MD	250 mA	1h	0,9 V	7h	5,8h
DSC	1,5/0,65W	10x(2s/28s) on/55min off	1,05V	60 pulses	tbc

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## 4. Discharge Curves



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## 5. Material Safety Data Sheet

Item	Material	%
Total Weight		<b>22.7g</b>
Cathode	MnO <sub>2</sub> /C	45%
Anode	Zn/KOH	24%
Separator	Paper	1%
Current Collector	Brass	2%
Electrolyte	KOH/H <sub>2</sub> O	6%
Steel Can	Ni plated steel	17%
Bottomplate	Ni plated steel	1%
Washer	Zn plated steel	2%
Label	PVC	2%

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