

# Product Datasheet

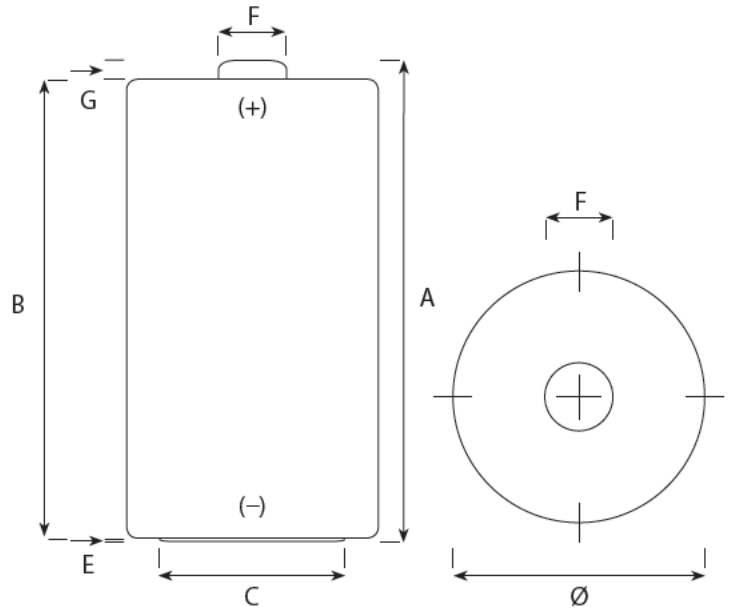
## Alkaline

### Powerline

#### Panasonic Typical Dimensions



LR20AD



IEC Dimensions (mm)		
Dimension	Maximum	Minimum
A	61,5	
B		59,5
C		18,0
E	1,0	
F	9,5	
G		1,5
Ø	34,2	32,3

### Specifications

Name	LR20 / XL / D / AM1 / MONO / MN1300 / 13A / 13AC
Made in	Belgium
Type	Alkaline Foil
Nominal Voltage	1,5 Volt
Electrolyte	Potassium Hydroxide
Average weight	142,7 g
Storage temp. range	+10°C (50°F) ~ +25°C (77°F)
Operating temp. range	-20°C (-4°F) ~ +55°C (131°F)
Average Impedance	+/- 90 m-Ohm @ 1kHz fresh
Heavy metals	No added mercury (Hg), Cadmium (Cd) or Lead (Pb)
Compliant to	IEC 60086 non dangerous goods regulation EU directive 2006/66/EC
Recommended cut off voltage	0,8V per cell

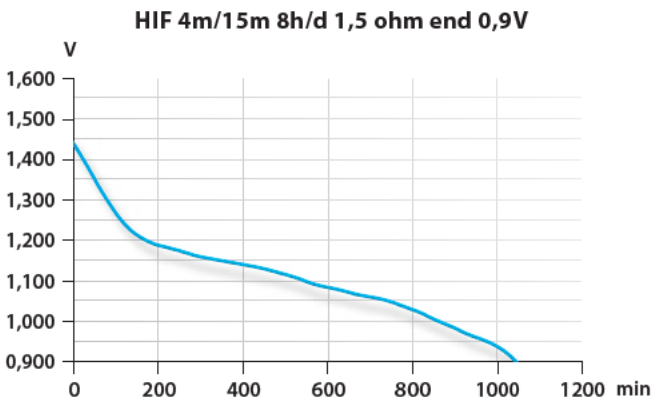
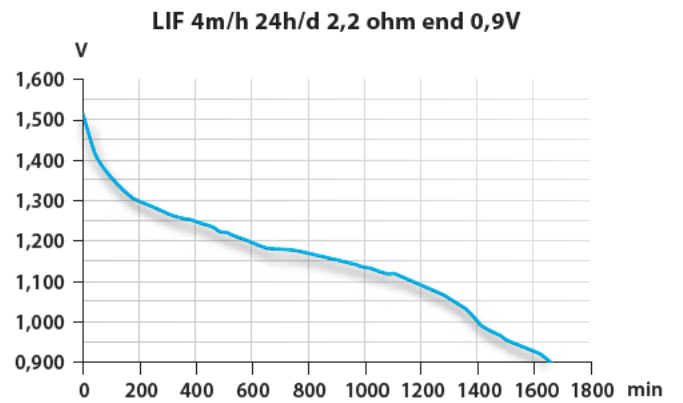
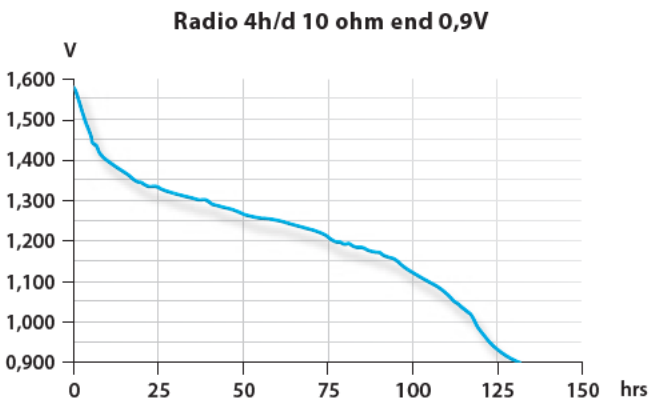
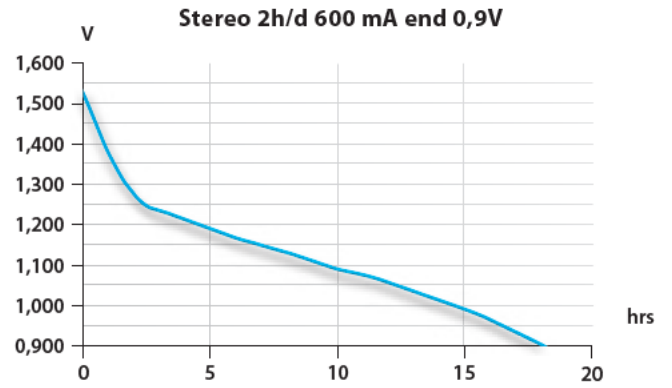
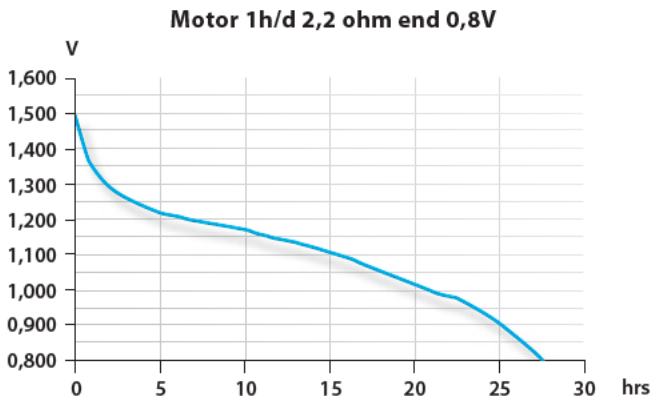
For more information:

[www.panasonic-batteries.com](http://www.panasonic-batteries.com)

**Panasonic**

# Typical discharge values

## LR20AD



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