

# Technical specifications

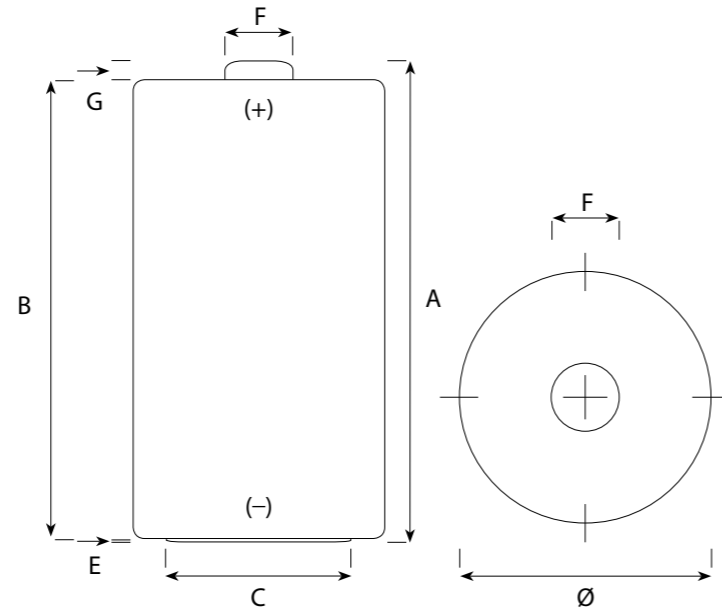
## Alkaline

Evoia



LR20

Panasonic Typical Dimensions



Dimension	IEC Dimensions (mm)		Panasonic Dimensions (mm)
	Maximum	Minimum	Typical
A	61,5		60,6
B		59,5	60,1
C		18,0	24,2
E	1,0		0,5
F	9,5		9,0
G		1,5	2,5
Ø	34,2	32,3	33,0

## Specifications

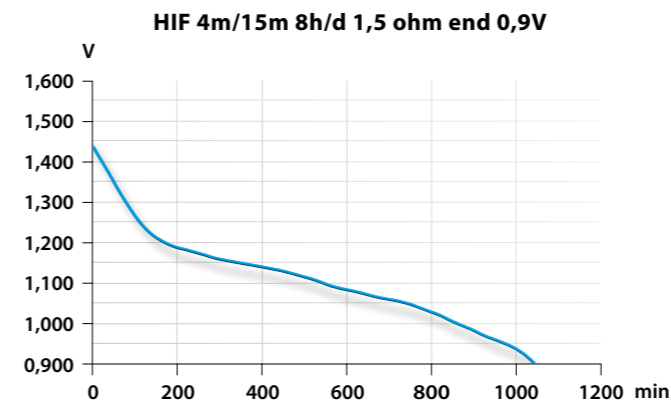
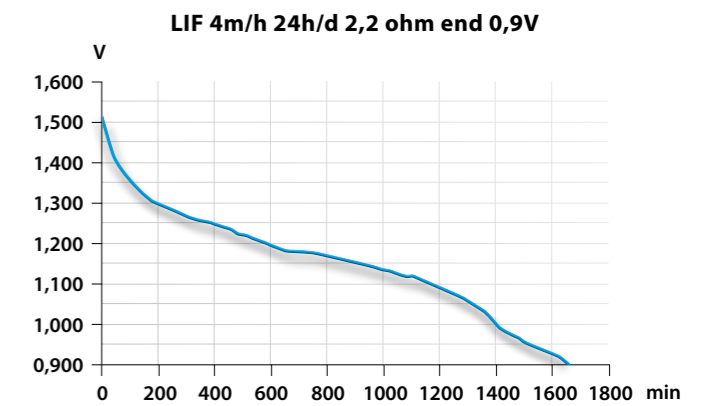
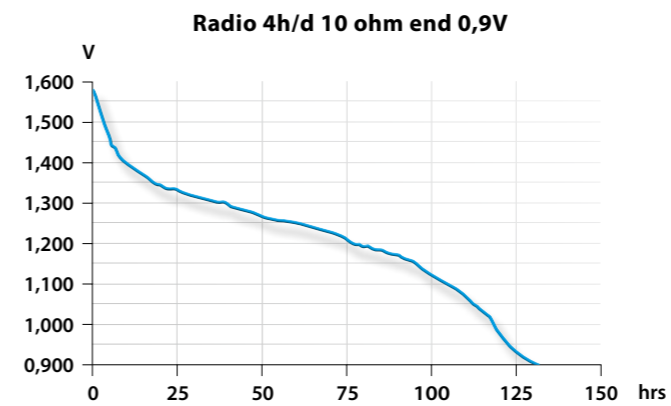
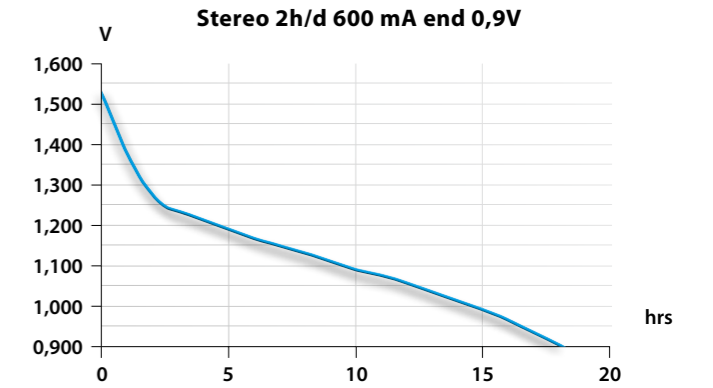
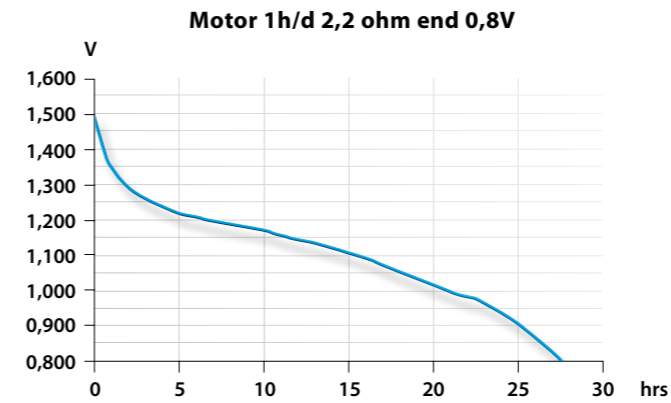
<b>Name</b>	LR20 / XL / D / AM1 / MONO / MN1300 / 13A / 13AC
<b>Made in</b>	Belgium
<b>Type</b>	Alkaline Foil
<b>Nominal Voltage</b>	1,5 Volt
<b>Electrolyte</b>	Potassium Hydroxide
<b>Average weight</b>	142,7 g
<b>Storage temp. range</b>	+10°C ~ +25°C
<b>Operating temp. range</b>	-20°C ~ +45°C
<b>Average Impedance</b>	+/- 90 m-Ohm @ 1kHz fresh
<b>Heavy metals</b>	No added mercury (Hg), Cadmium (Cd) or Lead (Pb)
<b>Compliant to</b>	IEC 60086 non dangerous goods regulation Nordic ecolabeling (white Swan) EC directive 91/157EC & 98/101EC
<b>Recommended cut off voltage</b>	0,8V per cell

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

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## Typical discharge values

LR20



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Promoter: Panasonic Energy Europe N.V., J. Bogaerts, Brusselsesteenweg 502, 1731 Zellik, Belgium

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