

# Technical specifications

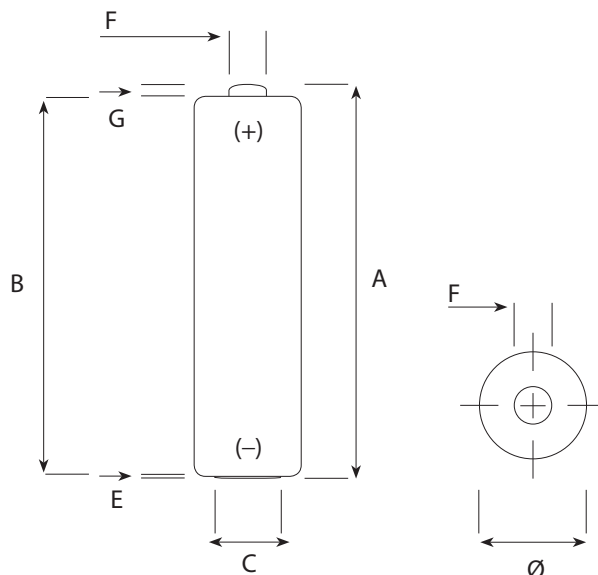
## Alkaline

Pro Power

Panasonic Typical Dimensions



LR6



IEC Dimensions (mm)		
Dimension	Maximum	Minimum
A	50,5	
B		49,2
C		7,0
E	0,5	
F	5,5	
G		1,0
Ø	14,5	13,5

## Specifications

<b>Name</b>	LR6 / M / AA / AM3 / MIGNON / MN1500 / 15A / 15AC
<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>	23,3 g
<b>Storage temperature range</b>	+10°C ~ + 25°C
<b>Operating temperature range</b>	-20°C ~ + 45°C
<b>Average Impedance</b>	+/- 105 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) EU directive 2006/66/EC
<b>Recommended cut off voltage</b>	0,8V per cell

For more information:

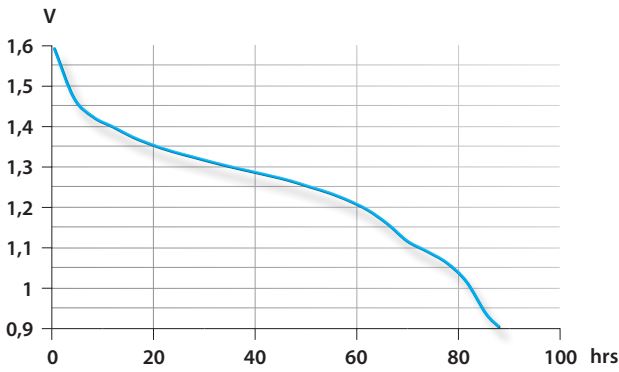
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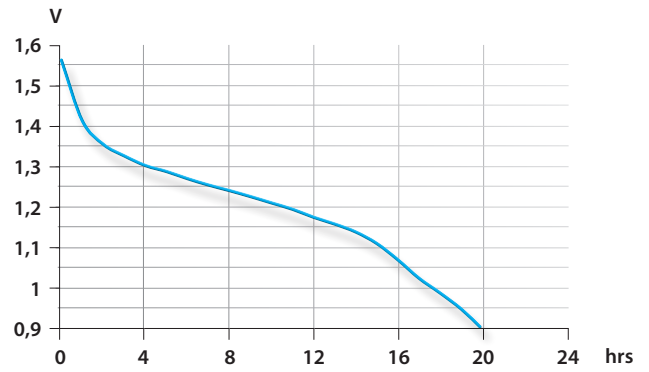
# Typical discharge values

LR6

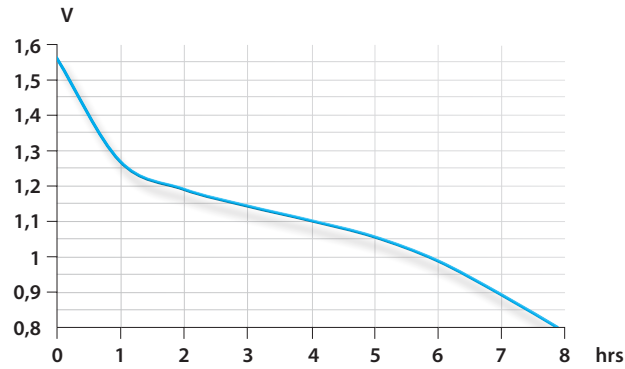
**Radio: 4h/d 43 ohm end 0,9 V**



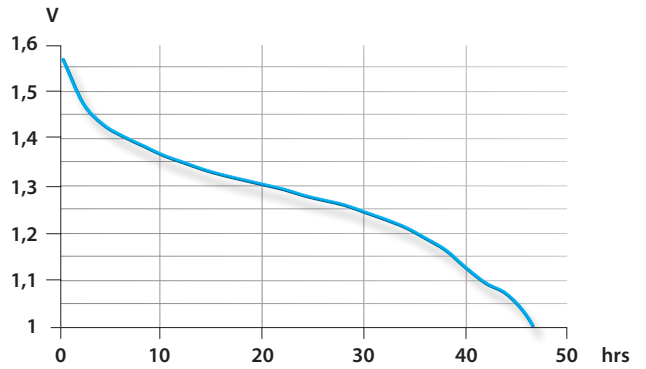
**Recorder: 1h/d 10 ohm end 0,9 V**



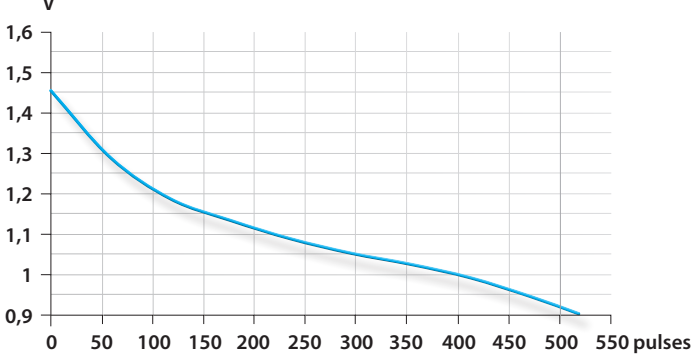
**Motor: 1h/d 3,9 ohm end 0,8 V**



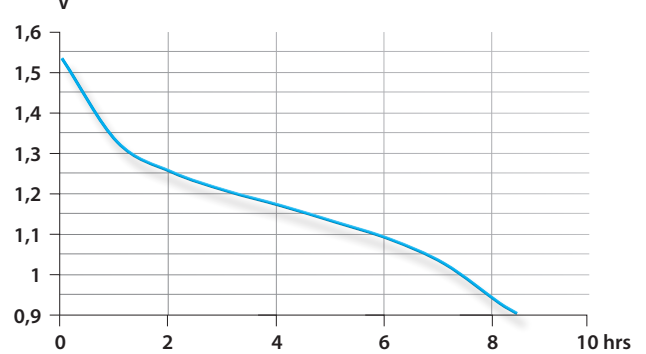
**Remote Control: 15s/m 8h/d 24 ohm end 1,0 V**



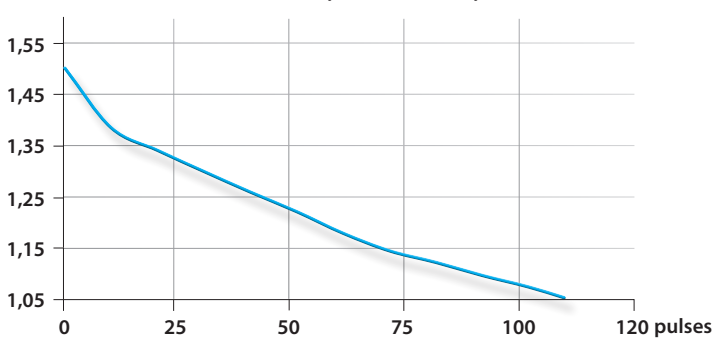
**Photoflash: 10s/m 1h/d 1000 mA end 0,9 V**



**CD/MD: 1h/d 250 mA end 0,9 V**



**DSC: 10x(2s 1,5W/28s 0,65W)  
5min on/55min off, 24h/d end 1,05V**



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# Technical specifications

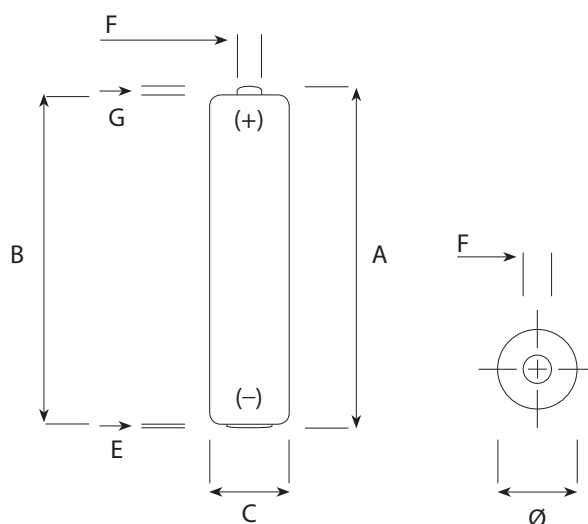
## Alkaline

Pro Power

Panasonic Typical Dimensions



LR03



IEC Dimensions (mm)		
Dimension	Maximum	Minimum
A	44,5	
B		43,3
C		4,3
E	0,5	
F	3,8	
G		0,8
Ø	10,5	9,5

## Specifications

<b>Name</b>	LR03 / S / AAA / AM4 / MICRO / MN2400 / 24A / 24AC
<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>	11,2 g
<b>Storage temp. range</b>	+10°C ~ + 25°C
<b>Operating temp. range</b>	-20°C ~ + 45°C
<b>Average Impedance</b>	+/- 135 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) EU directive 2006/66/EC
<b>Recommended cut off voltage</b>	0,8V per cell

For more information:

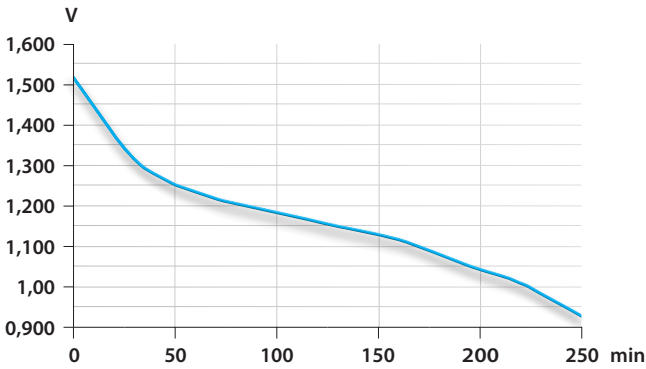
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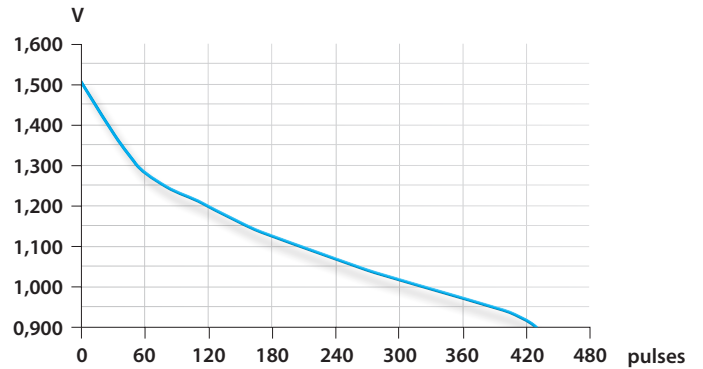
# Typical discharge values

LR03

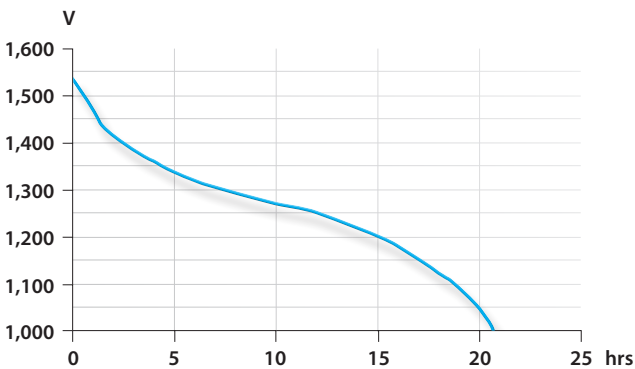
**LIF 4m/h 8h/d 5,1 ohm end 0,9V**



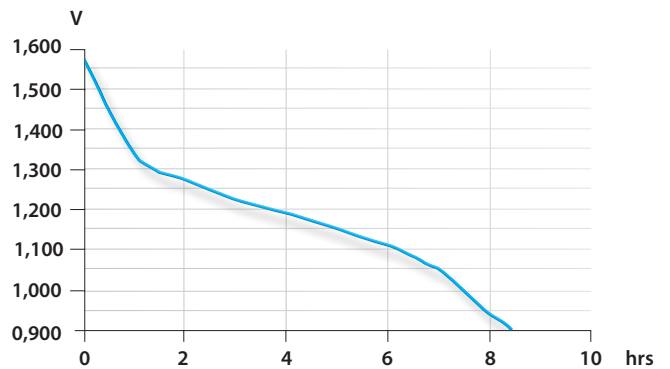
**Photoflash 10 s/m 1h/d 600 mA end 0,9V**



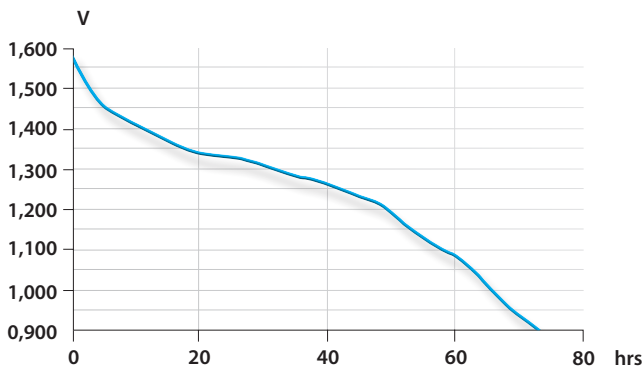
**Remote Control 15s/m 8h/d 24 ohm end 1,0V**



**Recorder 1h/d10 ohm end 0,9V**



**Radio 4h/d75 ohm end 0,9V**



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# Technical specifications

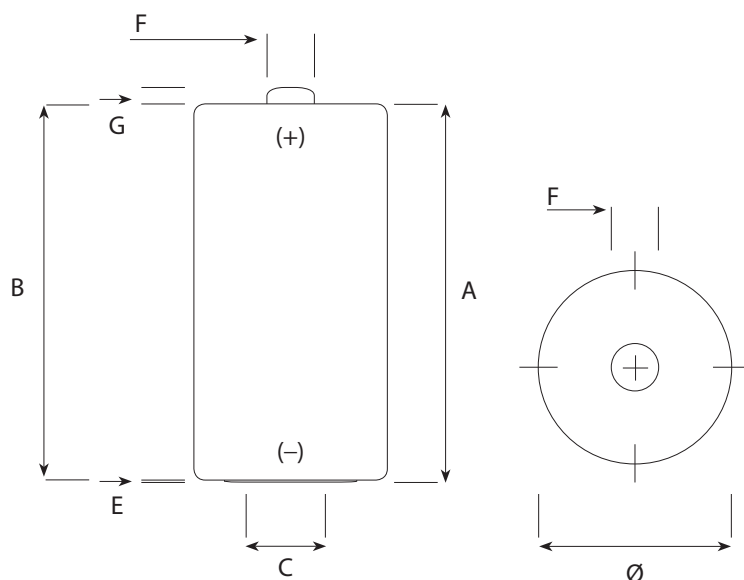
## Alkaline

Pro Power

Panasonic Typical Dimensions



LR14



IEC Dimensions (mm)		
Dimension	Maximum	Minimum
A	50,0	
B		48,6
C		13,0
E	0,9	
F	7,5	
G		1,5
Ø	26,2	24,9

## Specifications

<b>Name</b>	LR14 / L / C / AM2 / BABY / MN1400 / 14A / 14AC
<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>	69,5 g
<b>Storage temp. range</b>	+10°C ~ +25°C
<b>Operating temp. range</b>	-20°C ~ +45°C
<b>Average Impedance</b>	+/- 100 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) EU directive 2006/66/EC
<b>Recommended cut off voltage</b>	0,8V per cell

For more information:

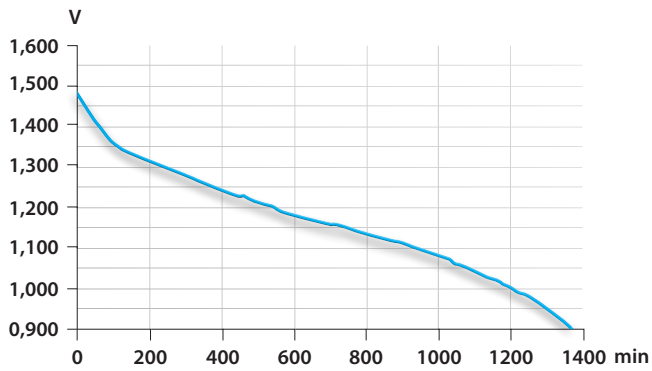
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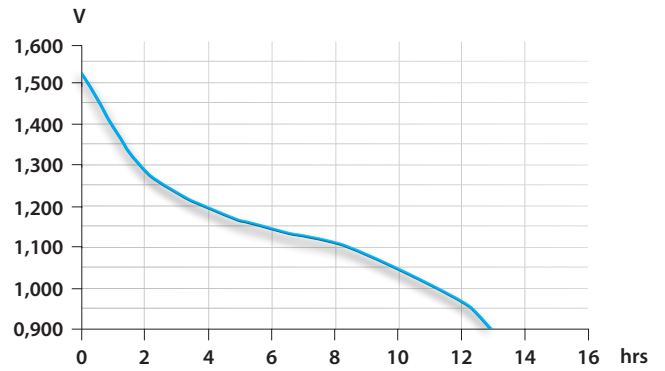
# Typical discharge values

LR14

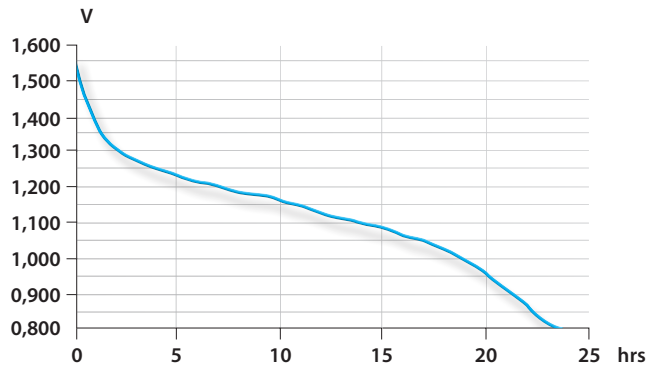
**LIF 4m/h 24h/d 3,9 ohm tot 0,9 volt**



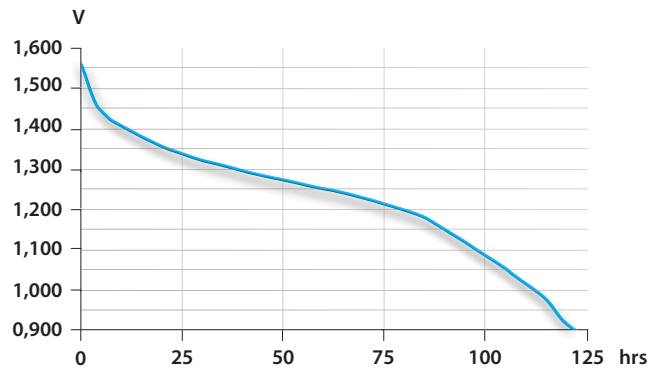
**Stereo 2h/d 400 mA end 0,9 V**



**Motor: 1h/d 3,9 ohm end 0,8 V**



**Radio 4h/d 20 ohm end 0,9 V**



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# Technical specifications

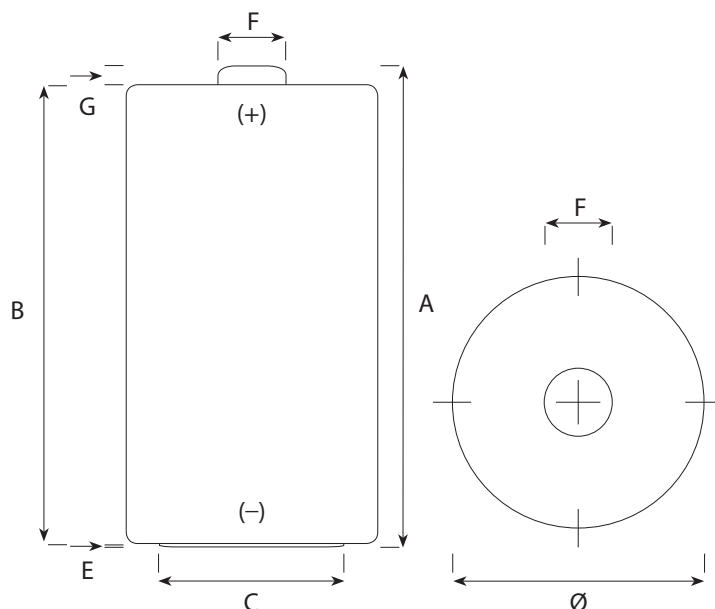
## Alkaline

Pro Power

Panasonic Typical Dimensions



LR20



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

<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) EU directive 2006/66/EC
<b>Recommended cut off voltage</b>	0,8V per cell

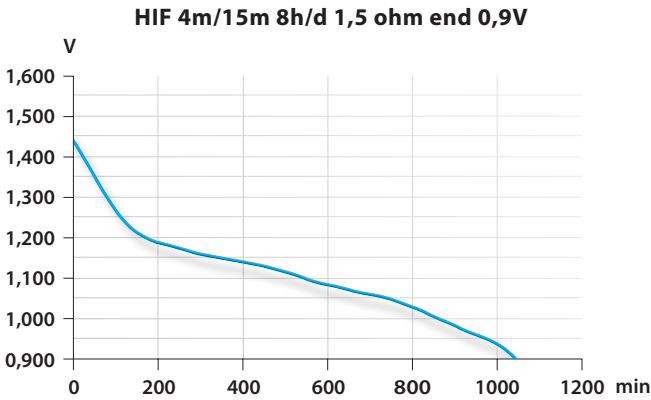
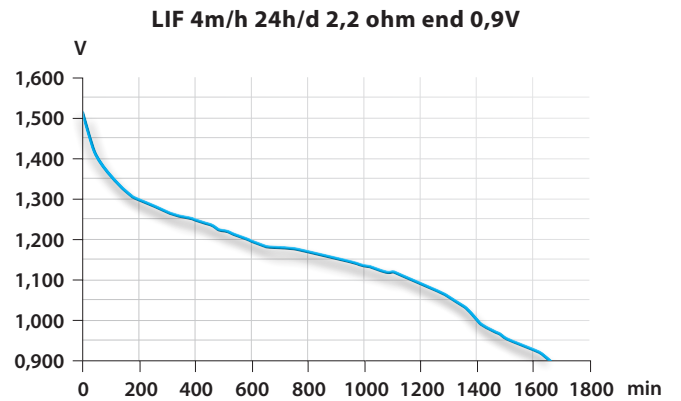
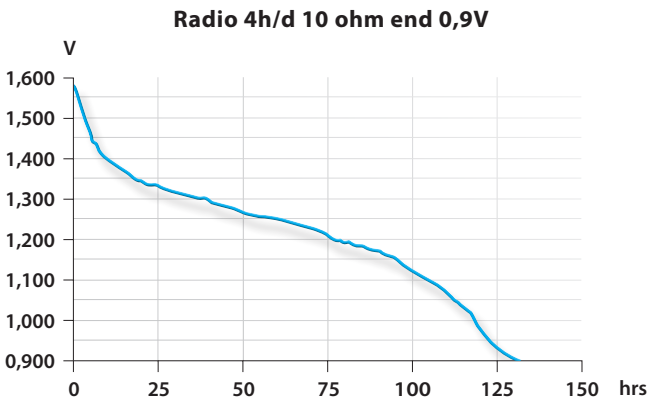
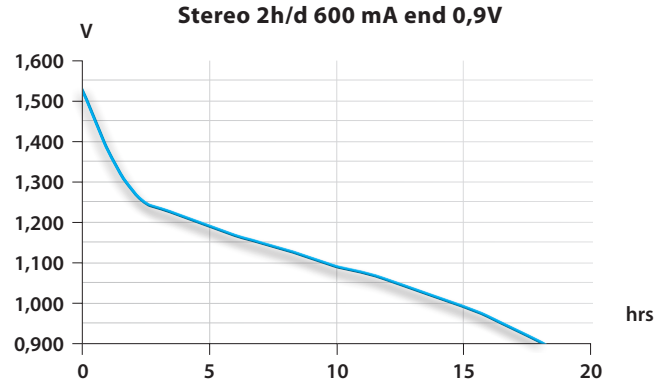
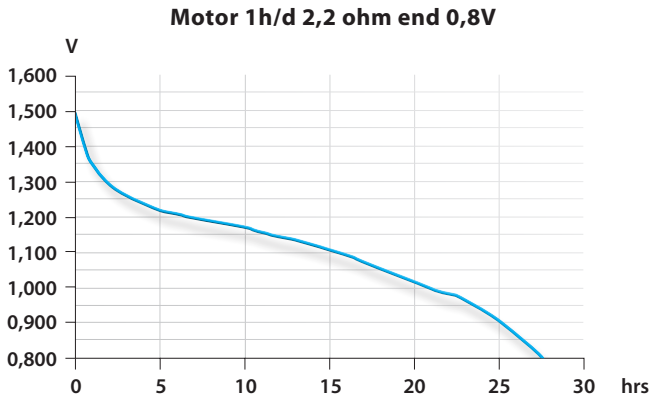
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# Typical discharge values

LR20



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# Technical specifications

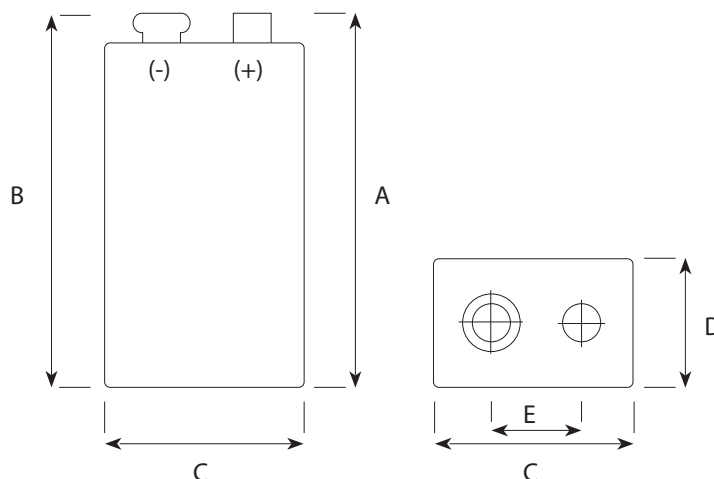
## Alkaline

Pro Power

Panasonic Typical Dimensions



6LR61



IEC Dimensions (mm)		
Dimension	Maximum	Minimum
A	48,5	46,5
B	46,4	
C	26,5	24,5
D	17,5	15,5
E	12,95	12,45

## Specifications

<b>Name</b>	9V / 6LR61 / 6AM6 / MN1604 / 1604A / 1604AC
<b>Made in</b>	Belgium
<b>Type</b>	Alkaline Foil
<b>Nominal Voltage</b>	9 Volt
<b>Electrolyte</b>	Potassium Hydroxide
<b>Average weight</b>	44,3 g
<b>Storage temp. range</b>	+10°C ~ +25°C
<b>Operating temp. range</b>	-20°C ~ +45°C
<b>Average Impedance</b>	+/- 2,3 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) EU directive 2006/66/EC
<b>Recommended cut off voltage</b>	4,8V per battery

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## Typical discharge values

6LR61

