

# BATTERY CATALOGUE 2015



# PANASONIC BATTERIES YOUR POWER PARTNER

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## PANASONIC BATTERIES Your Power Partner

### PANASONIC GROUP WORLDWIDE

#### Worldwide leading enterprise

Panasonic Corporation Inc. is one of the largest electronic product manufacturers in the world. It manufactures and markets a wide range of products under the Panasonic brand to enhance and enrich lifestyles all around the globe.

Company Name:	Panasonic Corporation Inc.
Head Office Location:	Osaka - Japan
President:	Kazuhiro Tsuga
Foundation:	March, 1918 (incorporated in December, 1935)
Net Sales <sup>(1)</sup> :	7,736.5 billion yen
Number of employees <sup>(1)</sup> :	271,789
Number of Consolidated Companies <sup>(1)</sup> :	505 (including parent company)

<sup>(1)</sup> as of March 31, 2014

#### Panasonic – A powerful Global Brand

## Panasonic

**64<sup>th</sup>**  
Best Global Brand 2014\*

**5<sup>th</sup>**  
Best Global Green Brand 2014\*

\*www.interbrand.com

#### Panasonic – Brand Slogan

## A Better Life, A Better World

Panasonic is committed to creating a better life and a better world, continuously contributing to the evolution of society and to the happiness of people around the globe.

# PANASONIC BATTERIES

Your Power Partner

## PANASONIC BATTERIES WORLDWIDE

### Production and capacity advantages

- **INTEGRATION**  
R&D, product and production technology
- **EFFICIENCY**  
Highly efficient and flexible manufacturer with short time to market
- **COVERAGE**  
38 factories covering all regions
- **EXPERIENCE**  
More than 80 years in battery manufacturing (since 1931)



### Leader in innovation

- 1995: 1st HIGH DRAIN ALKALINE  
For growing market of high drain appliances
- 2008: EVOLTA/EVOiA  
World's No.1 long lasting AA Alkaline battery recognized by GUINNESS WORLD RECORDS
- 2010: LAUNCH OF RECHARGEABLE EVOLTA  
Ultra long cycle life : up to 1600 cycles for AA and AAA batteries
- 2011: ENVIRONMENTAL FRIENDLY PACKAGING  
Switch Panasonic packaging to > 90% recycled carton to save environmental resources
- 2013: LAUNCH OF PORTABLE POWER  
New back up energy solution for growing Smartphone market
- 2013: LAUNCH OF HIGH CAPACITY RECHARGEABLE EVOLTA
- 2014: LAUNCH OF PANASONIC ENELOOP



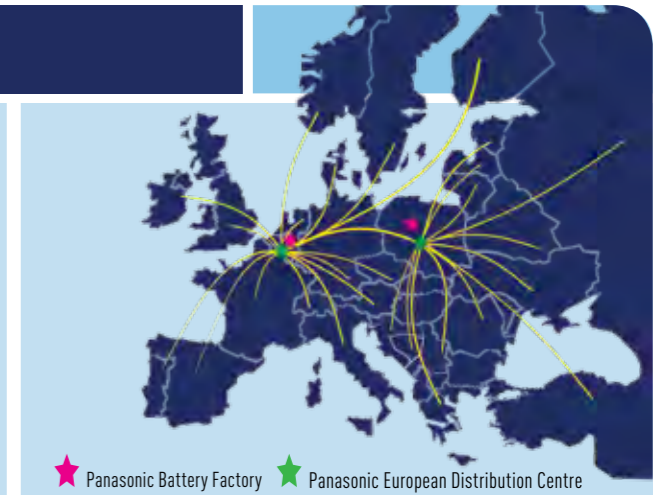
## PANASONIC BATTERIES IN EUROPE

### Panasonic Energy Europe, your professional battery partner

- Consumer understanding
- Expert in category management
- Top class supply chain management
- 100% dedicated Sales & Marketing organization covering total Europe

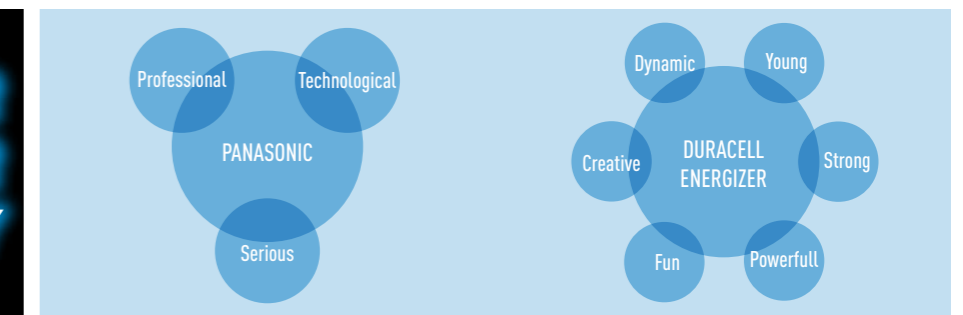
### An organization 100% dedicated to batteries

- **BUSINESS**  
A battery dedicated company
- **INTEGRATION**  
Unified production, logistics and sales support
- **LOCAL MANUFACTURING**  
Two European production sites:  
Local flexibility and short delivery times  
In line with EU quality and environmental standards
- **DISTRIBUTION**  
European distribution centre in Belgium Hub for Eastern Europe in Poland



### A powerful Battery brand

DIFFERENTIATED BRAND POSITIONING VS. OTHER BATTERY SUPPLIERS <sup>(1)</sup> Panasonic offers a real alternative in the battery category



### Shopper insights

68%

OF BATTERY SHOPPERS PUT BATTERIES ON THEIR SHOPPING LIST <sup>(2)</sup>  
=> Need to focus on the main shelf

32%

OF THE BATTERY SHOPPERS BUY ON IMPULSE <sup>(2)</sup>  
=> Maximum confrontation with batteries through secondary locations

70%

OF SHOPPERS HAVE POSITIVE ATTITUDE TO RECHARGEABLE BATTERIES, BUT 30% FIND IT DIFFICULT TO CHOOSE THE RIGHT RECHARGEABLE BATTERIES AND CHARGERS <sup>(2)</sup> => Need to simplify the Rechargeable offer

SHOPPERS BUY BATTERIES IN DIFFERENT CHANNELS <sup>(2)</sup>  
=> Important to adapt approach to each channel

BATTERY CATEGORY IS NOT ALWAYS CLEAR FOR SHOPPERS <sup>(2)</sup>  
=> Shelf should be organised to meet shopper expectations  
=> Appliance-based approach can help them make the right choice

<sup>(1)</sup> PECE consumer/shopper researches <sup>(2)</sup> PECE consumer researches 2009-2014

# PANASONIC BATTERIES

Your Power Partner

## PANASONIC PRIMARY BATTERY RANGE: 3 POWERFUL CLAIMS

### Background Consumer data

Consumer research has shown that, when purchasing a battery, consumers will consider the following criteria (aside from the price); performance, no leakage, shelf life. Clearly, leakage and deterioration of batteries during storage are significant concerns for consumers.

**TOP 3 MOST IMPORTANT CONSUMERS' CRITERIA\***  
(except pricing)



\*Insites research 2012 December

### Panasonic answers to consumers' needs

**3 POWERFUL CLAIMS**



### The Panasonic Alkaline Range



Product	Evolta	Pro Power	Everyday Power	Alkaline Power
Performance	Nr1**	+ 85%*	+50%*	/
Anti-leak Protection	Yes	Yes	Yes	Yes
Power Protection ***	10 Years	10 Years	10 years	7 years

\* Longer lasting vs Panasonic Alkaline Power (2014) in digital Camera \*\* Panasonic's N°1 longest lasting alkaline battery \*\*\* When unused and properly stored

## PANASONIC PRIMARY RANGE: LONG LASTING BATTERIES

### The Panasonic Performance

Panasonic has developed a large range of primary batteries to cover all the needs and segments:

- **Evolta**  
High Premium segment
- **Pro Power**  
Premium segment
- **Everyday Power**  
Standard segment

**WHAT ABOUT PERFORMANCE?**

(1) vs Panasonic Alkaline Power (2014) in digital camera  
(2) Average PI index of IEC 8 modes

### Performance claim – visibility on pack



Strengthened performance visibility on pack.

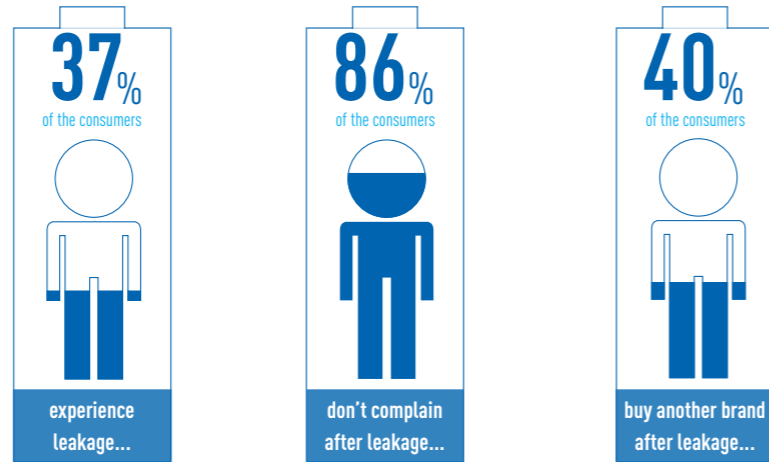
# PANASONIC BATTERIES

Your Power Partner

## PANASONIC PRIMARY RANGE: ANTI-LEAK PROTECTION

### Leakage - consumer data

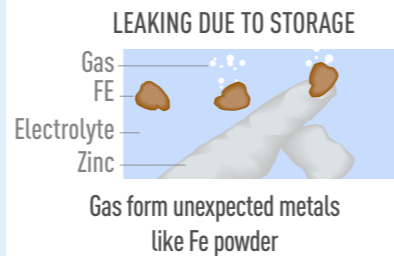
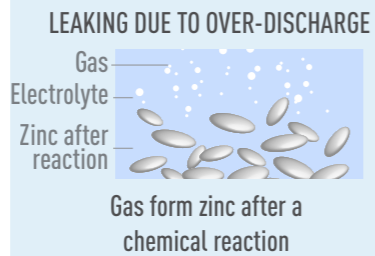
## WHAT ABOUT LEAKAGE?



Source: Insites consumer research – August 2014

### Panasonic: A unique Anti-leak technology

Leakage in alkaline technology batteries is largely caused by a build up of hydrogen gas that is generated within the battery when it is over-discharged during use or is being stored<sup>(1)</sup>. The gas increases pressure in the battery and can lead to leakage. Anti-Leak Protection technology reduces the amount of gas generated and helps to prevent battery leakage.



### Anti-leak claim – visibility on pack



Strengthened anti-leak visibility on pack.

(1) Reduced leakage continuous improvement - Panasonic Corporation

## PANASONIC PRIMARY RANGE: POWER PROTECTION

### Power Protection

## WHAT ABOUT POWER PROTECTION?

# POWER PROTECTION

### The power protection logo

To underline the battery's reliability, the company has also launched a 'power-protection' logo that states that Panasonic batteries will work after an extended storage time if unused and stored properly. For example the Evolta, Pro Power and Everyday Power batteries will have a 10-year shelf-life and will keep their power for up to a decade from the production date as long as the battery has not been used previously and has been stored correctly.

UP TO  
**10 YEAR**  
POWER PROTECTION

### Power Protection claim – visibility on pack



Strengthened power protection visibility on pack.

# PANASONIC'S **N°1** LONGEST LASTING ALKALINE BATTERY <sup>(1)</sup>



LR03EVE



LR6EVE



LR14EVE



LR20EVE



6LR61EVE

(1) Average PI index of IEC 8 modes



- Panasonic's N°1 longest lasting alkaline battery <sup>(1)</sup>
- Exceptional performance in low, mid and high drain products

Suitable for:



### Product benefits:



- High Premium alkaline range: developed to meet the power needs of today's electronic appliances
- Eco ideas: **higher energy efficiency** = less batteries needed = less impact for the environment



Anti-leak <sup>(2)</sup>



### Specifications:

Model N°	CSU EAN	Re-order N°	Batteries/ Blister	Blisters/ Carton	Cartons/ Bundle	Bundles/ Pallet
<b>Blister</b>						
LR03EVE	5410853044840	LR03EVE/2BP	2	12	5	164
	5410853044871	LR03EVE/4BP	4	12	5	164
LR6EVE	5410853044758	LR6EVE/2BP	2	12	5	114
	5410853044789	LR6EVE/4BP	4	12	5	114
LR14EVE	5410853045137	LR14EVE/2BP	2	12	5	75
LR20EVE	5410853045120	LR20EVE/2BP	2	12	5	40
6LR61EVE	5410853045144	6LR61EVE/1BP	1	12	5	84



Ability to remove either 2 or 4 batteries for easy storage. With perforated strip for easy opening.

Model N°	CSU EAN	Re-order N°	Batteries/ Blister	Blisters/ Carton	Cartons/ Bundle	Cartons/ Pallet
<b>Wide Blister</b>						
LR03EVE	5410853044796	LR03EVE/8BW 4+4F	8	12	-	360
LR6EVE	5410853044703	LR6EVE/8BW 4+4F	8	12	-	256



High impact packaging with optimal product visibility & promotional message

(1) Average PI index of IEC 8 modes

(2) No leakage if normal use

(3) keeps energy for up to 10 years when not used (LR03 - LR6 - LR14 - LR20)

UP TO **85%**  
**LONGER LASTING**<sup>(1)</sup>



LR03PPG LR6PPG LR14PPG LR20PPG 6LR61PPG 3LR12PPG

(1) vs Panasonic Alkaline Power (2014) in digital Camera



- Up to +85% longer lasting<sup>(1)</sup>
- Panasonic's Pro Power battery offers premium energy for your personal appliances.

Suitable for:



**Product benefits:**



- Premium alkaline range: developed to provide reliable and dependable power, any place any time.
- Ideal for high and medium drain appliances.
- Complete product line up.



**Specifications:**

Model N°	CSU EAN	Re-order N°	Batteries/ Blister	Blisters/ Carton	Cartons/ Bundle	Bundles/ Pallet
<b>Blister</b>						
LR03PPG	5410853040125	LR03PPG/2BP	2	12	5	164
	5410853039006	LR03PPG/4BP	4	12	5	164
LR6PPG	5410853039891	LR6PPG/2BP	2	12	5	114
	5410853038948	LR6PPG/4BP	4	12	5	114
LR14PPG	5410853038917	LR14PPG/2BP	2	12	5	75
LR20PPG	5410853038887	LR20PPG/2BP	2	12	5	40
6LR61PPG	5410853038979	6LR61PPG/1BP	1	12	5	84
3LR12PPG	5410853039037	3LR12PPG/1BP	1	12	4	80



Ability to remove either 2 or 4 batteries for easy storage. With perforated strip for easy opening.

Model N°	CSU EAN	Re-order N°	Batteries/ Blister	Blisters/ Carton	Cartons/ Bundle	Cartons/ Pallet
<b>Wide Blister</b>						
LR03PPG	5410853040156	LR03PPG/6BP 4+2F	6	12	-	410
	5410853040170	LR03PPG/8BW	8	12	-	360
	5410853040217	LR03PPG/8BW 4+4F	8	12	-	360
	5410853048497	LR03PPG/10BW 6+4F	10	12	-	360
LR6PPG	5410853039921	LR6PPG/6BP 4+2F	6	12	-	304
	5410853039945	LR6PPG/8BW	8	12	-	256
	5410853039983	LR6PPG/8BW 4+4F	8	12	-	256
	5410853048480	LR6PPG/10BW 6+4F	10	12	-	256



High impact packaging with optimal product visibility & promotional message

Model N°	CSU EAN	Re-order N°	Batteries/ Blister	Blisters/ Carton	Cartons/ Bundle	Cartons/ Pallet
<b>Power Diamond</b>						
LR03PPG	5410853049487	LR03PPG/24PD	24	12	-	160
LR6PPG	5410853049463	LR6PPG/24PD	24	12	-	96



Multiple use: in shelf, basket, underneath shelf

(1) vs Panasonic Alkaline Power (2014) in digital Camera

(2) No leakage if normal use

(3) keeps energy for up to 10 years when not used (LR03 - LR6 - LR14 - LR20)

UP TO **50%**  
**LONGER LASTING**<sup>(1)</sup>



LR03EPS

LR6EPS

LR14EPS

LR20EPS

6LR61EPS

(1) vs Panasonic Alkaline Power (2014) in digital Camera



- Up to +50% longer lasting<sup>(1)</sup>
- Panasonic's Everyday Power battery is an ideal power solution for commonly used devices.

Suitable for:



**Product benefits:**



- Standard alkaline range: formulated to provide reliable and dependable power.
- Excellent price versus quality ratio.

Anti-leak<sup>(2)</sup>



**Specifications:**

Model N°	CSU EAN	Re-order N°	Batteries/ Blister	Blisters/ Carton	Cartons/ Bundle	Bundles/ Pallet
<b>Blister</b>						
LR03EPS	5410853024750	LR03EPS/2BP	2	12	5	164
	5410853048077	LR03EPS/4BP	4	12	5	164
LR6EPS	5410853024705	LR6EPS/2BP	2	12	5	144
	5410853047964	LR6EPS/4BP	4	12	5	114
LR14EPS	5410853047827	LR14EPS/2BP	2	12	5	75
LR20EPS	5410853047810	LR20EPS/2BP	2	12	5	40
6LR61EPS	5410853047971	6LR61EPS/1BP	1	12	5	84



Ability to remove either 2 or 4 batteries for easy storage. With perforated strip for easy opening.

Model N°	CSU EAN	Re-order N°	Batteries/ Blister	Blisters/ Carton	Cartons/ Bundle	Cartons/ Pallet
<b>Wide Blister</b>						
LR03EPS	5410853048015	LR03EPS/8BW	8	12	-	360
	5410853049449	LR03EPS/20BW 10+10F	20	6	-	360
LR6EPS	5410853047889	LR6EPS/8BW	8	12	-	256
	5410853047865	LR6EPS/20BW 10+10F	20	6	-	256



High impact packaging with optimal product visibility

(1) vs Panasonic Alkaline Power (2014) in digital Camera

(2) No leakage if normal use

(3) keeps energy for up to 10 years when not used (LR03 - LR6 - LR14 - LR20)





LR03APB



LR6APB



LR14APB



LR20APB



6LR61APB



- Panasonic's Alkaline Power battery is a value for money power solution for those everyday appliances requiring more power.

Suitable for:



### Product benefits:



- Standard alkaline range: formulated to provide reliable and dependable power.
- Excellent price versus quality ratio.

Anti-leak <sup>(1)</sup>



### Specifications:

Model N°	CSU EAN	Re-order N°	Batteries/	Blisters/	Cartons/	Bundles/
			Blister	Carton	Bundle	Pallet
<b>Blister</b>						
LR03APB	5410853042907	LR03APB/2BP	2	12	5	164
	5410853039334	LR03APB/4BP	4	12	5	164
LR6APB	5410853042259	LR6APB/2BP	2	12	5	114
	5410853039273	LR6APB/4BP	4	12	5	114
LR14APB	5410853039242	LR14APB/2BP	2	12	5	75
LR20APB	5410853039211	LR20APB/2BP	2	12	5	40
6LR61APB	5410853039303	6LR61APB/1BP	1	12	5	84



Ability to remove either 2 or 4 batteries for easy storage. With perforated strip for easy opening.

Model N°	CSU EAN	Re-order N°	Batteries/	Packs/	Cartons/	Bundles/
			Pack	Carton	Bundle	Pallet
<b>Shrink</b>						
LR03APB	5410853041290	LR03APB/8P	8	6	5	208
LR6APB	5410853041238	LR6APB/8P	8	6	5	144
LR14APB	5410853041320	LR14APB/4P	4	6	5	88
LR20APB	5410853041351	LR20APB/4P	4	6	5	48



Compact and high impact packaging. Value for money packaging format.

Model N°	CSU EAN	Re-order N°	Batteries/	Blisters/	Cartons/	Cartons/
			Blister	Carton	Bundle	Pallet
<b>Wide blister</b>						
LR03APB	5410853042174	LR03APB/10BW	10	12	-	360
LR6APB	5410853042167	LR6APB/10BW	10	12	-	256



High impact packaging with optimal product visibility.

(1) No leakage if normal use

(2) keeps energy for up to 7 years when not used (LR03 - LR6 - LR14 - LR20)

# PANASONIC'S ECONOMICAL POWER SOURCE



R03RZ    R6RZ    R14RZ    R20RZ    6F22RZ    3R12RZ

(1) Only for R03RZ, R6RZ, R14RZ & R20RZ

## Economical power source



- Panasonic's zinc carbon batteries provide an economical power source for low drain devices.

## Product benefits:

- Simple and reliable technology.
- Excellent price versus quality ratio.
- Economical in terms of cost per hour for low drain appliances.
- Full and comprehensive product line up.
- No Mercury and no lead added



## Packaging benefits:



- Convenience: easy to store, to open, to choose.
- Consumer guidance with clear product information.

## Specifications:

Model N°	CSU EAN	Re-order N°	Batteries/	Blisters/	Cartons/	Bundles/
			Blister	Carton	Bundle	Pallet
<b>Blister</b>						
R03RZ	5410853032861	R03RZ/4BP	4	12	5	164
R6RZ	5410853032830	R6RZ/4BP	4	12	5	114
R14RZ	5410853032809	R14RZ/2BP	2	12	5	75
R20RZ	5410853032779	R20RZ/2BP	2	12	5	42
6F22RZ	5410853032892	6F22RZ/1BP	1	12	5	84
3R12RZ	5410853033134	3R12RZ/1BP	1	12	4	80



Ability to remove either 2 or 4 batteries for easy storage. With perforated strip for easy opening.

Model N°	CSU EAN	Re-order N°	Batteries/	Packs/	Cartons/	Bundles/
			Pack	Carton	Bundle	Pallet
<b>Shrink</b>						
R03RZ	5410853034889	R03RZ/4P	4	12	5	208
R6RZ	5410853034872	R6RZ/4P	4	12	5	144



Compact and high impact packaging. Excellent product visibility. Value for money packaging format.

(1) Only for R03RZ, R6RZ, R14RZ & R20RZ

# PANASONIC RECHARGEABLES



**Ready to use**  
Stay Charged up to 1 year<sup>(1)</sup>

All Panasonic rechargeable batteries are pre-charged and stay charged up to 365 days.<sup>(1)</sup>

Consumer research shows that there are more product irritations on standard rechargables<sup>(2)</sup>:

- Battery capacity wears out when not often used
- Rechargeable batteries need to be charged before use

**GREAT POTENTIAL FOR OUR NEW READY TO USE RECHARGEABLE RANGE**



For HEAVY users



For FREQUENT users



For OCCASIONAL users

## Panasonic Rechargeable – Full range of ready to use<sup>(1)</sup>

At purchase <sup>(2)</sup>	After charging	After 365 days non-usage <sup>(2)</sup>
<p>Ready to use</p> <p>PANASONIC Rechargeables 80% Regular Rechargeables 10%</p>	<p>PANASONIC Rechargeables 100% Regular Rechargeables 100%</p>	<p>Still ready to use</p> <p>PANASONIC Rechargeables 80% Regular Rechargeables 10%</p>

**STAY CHARGED AFTER 1 YEAR<sup>(2)</sup>**

All ranges of Panasonic rechargeable are pre-charged and stay charged up to 365 days

## ECO Ideas



Rechargeable Ready to Use Battery\*  
\*min.1000mAh

Alkaline Batteries

High capacity + more cycles = higher energy efficiency = less product disposal

### New EU Directive

- Batteries put on the market from 30/05/2012 should comply to the new EU directive. This means that the minimum capacity has to be clearly mentioned on any rechargeable battery sold. All our Panasonic rechargeable batteries comply to this new regulation because we are an honest and fully compliant supplier for your batteries.



(1) Max. 80% after recharge. Under domestic house storage condition. Exclude D/C/9V  
(2) Insites research in UK, France, Germany and Poland - 2010

(1) Max. 80% after recharge. Under domestic house storage condition. Exclude D/C/9V  
(2) test conditions – internal Panasonic testing IEC

RECHARGEABLE  
Evolta 2450 - 900



FOR  
HEAVY  
USERS



HHR-4XXE



HHR-3XXE



Offers more power

	AA	AAA	
Min. capacity mAh	2450 mAh	900 mAh	
Cycle life	Up to 500 times	Up to 500 times	Suitable for: 
Self discharge after 1 year	80%	80%	

Product benefits:

- Ready to use: you can use them immediately after buying them
- Stay charged: after 1 year still up to 80% of the capacity remains without charging
- High capacity: up to 7x longer lasting than Alkaline\*
- Combines 'ready to use' with 'high capacity' at the same time thanks to world Nr. 1 battery manufacturer technology
- Specially designed for consumers with a focus on power.
- Provide an ideal power solution for frequently used high drain applications.

UP TO  
**7X\***  
LONG LASTING  
VS. ALKALINE

Specifications:

Model N°	CSU EAN	Batteries/	Blisters/	Cartons/	
		Blister	Carton	Bundle	
Blister					
HHR-3XXE/4BC	(P-6/4BC2450)	5410853050865	4	12	5
HHR-3XXE/2BC	(P-6/2BC2450)	5410853050872	2	12	5
HHR-4XXE/4BC	(P-03/4BC900)	5410853050889	4	12	5
HHR-4XXE/2BC	(P-03/2BC900)	5410853050896	2	12	5

\* Versus Panasonic Alkaline Power in digital camera mode IEC. Depends on device and usage. \* Summer 2012

RECHARGEABLE  
Ready to use 1900 - 750

# FOR FREQUENT USERS



HHR-4MVE



HHR-3MVE



Offers more convenience

	AA	AAA	Suitable for:
Min. capacity mAh	1900 mAh	750 mAh	
Cycle life	Up to 1000 times	Up to 1600 times	
Self discharge after 1 year	80%	80%	

### Product benefits:

- Ready to use: you can use them immediately after buying them
- Stay charged: after 1 year still up to 80% of the capacity remains without charging
- Combines the convenience of a disposable battery with the performance and cost benefits of a rechargeable battery
- Offers consumers a convenient battery range to meet all their needs
- Ideal for the frequent rechargeable battery user

STAY  
CHARGED  
AFTER  
1 YEAR<sup>(1)</sup>

### Specifications:

Model N°	CSU EAN	Batteries/	Blisters/	Cartons/	
		Blister	Carton	Bundle	
<b>Blister</b>					
HHR-1SRE/2B <sup>(2)</sup>	(P-20/2BC2800)	5410853034520	2	6	5
HHR-2SRE/2B <sup>(2)</sup>	(P-14/2BC2800)	5410853034537	2	12	5
HHR-9SRE/1B <sup>(2)</sup>	(P-22/1BC170)	5410853034605	1	12	5
HHR-3MVE/4BC	(P-6/4BC1900)	5410853045250	4	12	5
HHR-3MVE/2BC	(P-6/2BC1900)	5410853045243	2	12	5
HHR-3MVE/4B1	(P-6/4BC1900 3+1)	5410853045991	4	12	5
HHR-4MVE/4BC	(P-03/4BC750)	5410853045274	4	12	5
HHR-4MVE/2BC	(P-03/2BC750)	5410853045267	2	12	5
HHR-4MVE/4B1	(P-03/4BC750 3+1)	5410853046004	4	12	5

(1) Max. 80% after recharge. Under domestic house storage condition.

(2) All Panasonic rechargeable batteries are pre-charged and stay charged up to 365 days. Exclude D/C/9V.

**RECHARGEABLE**  
Ready to Use 1000 & telephone batteries



# FOR OCCASIONAL USERS



HHR-3LVE



### Offers more economies

Ready to use 1000 AA					DECT batteries		
					AA	AAA	
Min. capacity mAh	1000 mAh	Suitable for: 			Min. capacity mAh	1000 mAh	750 mAh
Cycle life	up to 2100 times				Cycle life	up to 2100 times	up to 1600 times
Self discharge after 1 year	80%				Self discharge after 1 year	80%	80%

### Product benefits Ready to use 1000:

- Ready to use: You can use them immediately after buying them
- Stay charged: after 1 year still up to 80% of the capacity remains without charging
- Ideal for the frequent rechargeable battery user
- long cycle life: up to 2100 cycles

### Product benefits DECT batteries:

- Providing an ideal power solution for cordless communication appliances
- Packaging quantities in blister adapted to most frequently used appliances such as DECT phones or walkie talkies

### Specifications:

Model N°	CSU EAN	Batteries/ Blister	Blister/ Carton
Blister			
HHR-3LVE/4BC (P-6/4BC1000)	5410853045304	4	12
HHR-4MVE/2BD (P-03/2BC750 DECT)	5410853045359	2	12
HHR-4MVE/3BD (P-03/3BC750 DECT)	5410853045366	3	12
HHR-3LVE/2BC (P-6/2BC1000 DECT)	5410853046011	2	12

RECHARGEABLE  
High Capacity

NEW!

# FOR HIGH DRAIN APPLIANCES



BK-4HGAE

BK-3HGAE



Offers more convenience

	AA	AAA	Suitable for:	
Min. capacity mAh	2500mAh	930 mAh		
Cycle life	up to 300 times	up to 300 times		

Product benefits:

- With its high capacity, our high capacity rechargeable battery is the ideal rechargeable battery for high drain appliances
- Excellent price versus quality ratio

HIGH  
CAPACITY

Capacity min.\*1 **2500** mAh AA    Capacity min.\*1 **930** mAh AAA

\*Panasonic internal IEC61951-2(7.3.2) testing (varies according to conditions of use)

Specifications:

Model N°	CSU EAN	Batteries/	Blister/	Cartons/	
		CSU	Carton	Bundle	
BK-3HGAE/2BE	AA	5410853052791	2	12	5
BK-3HGAE/4BE	AA	5410853052807	4	12	5
BK-4HGAE/2BE	AAA	5410853052821	2	12	5
BK-3HGAE/BF1	AA	5410853052777	1	500	N/A
BK-4HGAE/BF1	AAA	5410853052814	1	500	N/A

# Chargers

## Product benefits:

- Improved consumer communication, designed to aid product rotation
- Clear time indications and features
- A free 5 year warranty for added reassurance
- All chargers have lead-free soldering, less harmful for the environment
- Worldwide compatibility
- Safety: non rechargeable detection
- LED Timer ready indication
- For all Ni-MH batteries

# 5 YEAR WARRANTY



### BQ-CC16 Smart & quick charger

#### Capabilities

- AA + AAA Ni-MH
- AA/AAA 1-4 batteries
- AAA 750 – 900 mAh
- AA 1000 – 2450 mAh

#### Extra product benefit

- Smart charge control

## 2h CHARGE

#### Charger summary

- 1.5 - 4h
- Automatic switch-off when charged (DeltaV)



### BQ-CC06 timer twin

#### Capabilities

- AA + AAA Ni-MH
- AA 1 – 2 batteries
- AAA 1 – 2 batteries
- AAA 750 – 900 mAh
- AA 1000 – 2450 mAh

#### Charger summary

- Safety Timer: max. 24 hours (1)

## EASY TO USE

## 8h CHARGE

### BQ-CC03 timer quattro

#### Capabilities

- AA + AAA Ni-MH
- AA 1 – 4 batteries
- AAA 1 – 2 batteries
- AAA 750 – 900 mAh
- AA 1000 – 2450 mAh

#### Charger summary

- Safety Timer: max. 10 hours (1)



## 6h CHARGE

### BQ-CC15 universal charger

#### Capabilities

- D/C 1-4 batteries
- 9V 1-2 batteries
- AAA 750 – 900 mAh
- AA 1000 – 2450 mAh
- D/C 2800 mAh
- 9V 170 mAh (manual stop)

#### Charger summary

- Automatic switch-off when charged (DeltaV)



## EASY TO USE

### BQ-CC07 timer quattro

#### Capabilities

- AA + AAA Ni-MH
- AA 1 – 4 batteries
- AAA 1 – 2 batteries
- AAA 750 – 900 mAh
- AA 1000 – 2450 mAh

#### Charger summary

- Safety Timer: max. 24 hours (1)



### Specifications:

Model N°	CSU EAN	Charger size (mm) (W x H x D)	Blister size (mm) (W x H x D)	Blisters/ Carton
<b>Clam blister</b>				
BQ-CC03E/1KA*4P6*1900	5025232638444	70 x 115 x 55	105 x 230 x 66	12
BQ-CC06E/1KA*2P6*1000	5025232631292	52 x 120 x 65	105 x 230 x 66	6
BQ-CC07UK/1KA*4P6*1900	5025232631308	70 x 115 x 55	105 x 230 x 66	12
BQ-CC07E/1KA*4P6*1900*2P03*750	5025232631254	70 x 115 x 55	105 x 230 x 66	12
K-KJ16MGD40E	5410853054283	65 x 105 x 75	109 x 230 x 76	8
K-KJ16MCC40U	5410853052289	65 x 105 x 75	109 x 230 x 76	8
BQ-CC15E/1B	5025232672141	110 x 200 x 55	130 x 265 x 75	6

(1) Safety timer cut-off prevents overcharging

(1) Safety timer cut-off prevents overcharging  
V = Volt



COMBINES  
VERY LIGHT  
WEIGHT MATERIAL  
WITH LITHIUM  
TECHNOLOGY



CR2



CR123



2CR5



CR-P2



CRV3

Lithium Technology



- Panasonic's LITHIUM POWER batteries combine very light weight material with lithium technology, to create a power source suitable for many cameras as well as other appliances using lithium

Suitable for:



Product benefits:

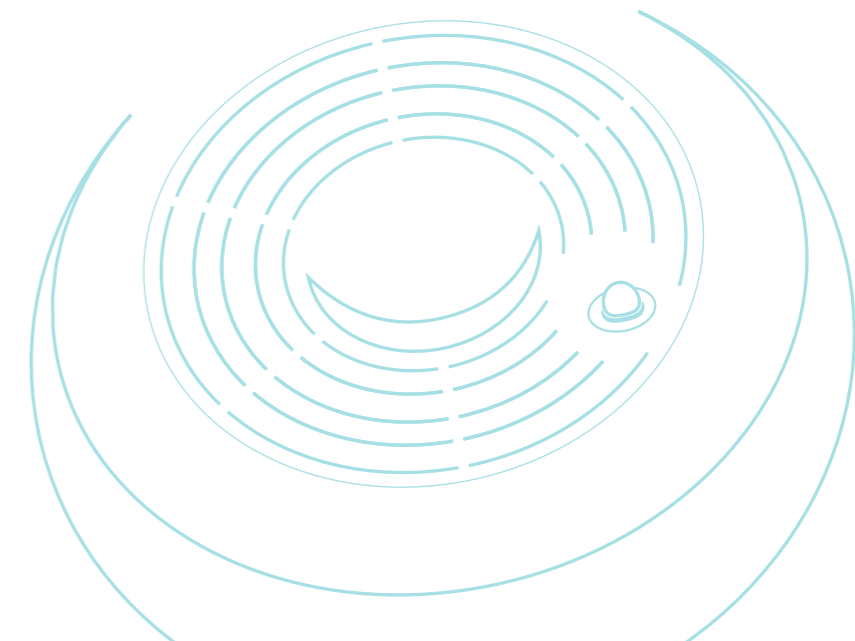
- Low internal resistance to provide rapid flash recovery time and quick shooting.
- A long shelf life up to 10 years
- Reliable even in a wide range of operating temperatures (-40°C to +70°C)
- For CRV3:
  - Suitable for many AA compatible digital still cameras<sup>(1)</sup>.
  - Double capacity: offering longer lifetime<sup>(2)</sup>.

Specifications:

Model N°	CSU EAN	Re-order N°	Batteries/	Blisters/	Innercartons/
			Blister	Innercarton	Outercarton
Blister					
CR2	5025232016082	CR-2L/1BP	1	10	10
	5410853013464	CR-2L/2BP	2	10	10
CR123	5410853017097	CR-123AL/1BP	1	10	10
	5410853017110	CR-123AL/2BP	2	10	10
2CR5	5410853017158	2CR-5L/1BP	1	10	10
CRP2	5410853017134	CR-P2L/1BP	1	10	10
CRV3	5410853014430	CR-V3L/1BP	1	10	10



Perforated strip for easy opening.




(1) Please check your instruction manual  
(2) Due to parallel use of 2 x AA size lithium battery (with 3V)

DESIGNED TO PROVIDE **RELIABLE AND LONG LASTING POWER**




Lithium Power



- The Panasonic's LITHIUM POWER coins have been designed to provide reliable and long lasting power

Suitable for:






Product benefits:



- A long shelf life of up to 10 years.
- Reliable even in a wide range of operating temperatures (-30°C to +60°C).
- Wide range available on blister.
- Extensive cross reference table on the blister.
- No mercury added

Specifications:

Model N°	CSU EAN	Re-order N°	Batteries/	Blister/	Innercartons/	
			Blister	Innercarton	Outercarton	
<b>Blister</b>						
CR1025	5410853010227	CR-1025EL/1B	1	12	10	 <p>New space saving blister size still with maximum information on it.</p>
CR1216	5410853010210	CR-1216EL/1B	1	12	10	
CR1220	5019068085091	CR-1220EL/1B	1	12	10	
CR1616	5019068085107	CR-1616EL/1B	1	12	10	
CR1620	5025232068258	CR-1620EL/1B	1	12	10	
CR1632	5410853038320	CR-1632EL/1B	1	12	10	
CR2012	5410853038450	CR-2012EL/1B	1	12	10	
CR2016	5019068085114	CR-2016EL/1B	1	12	10	
CR2025	5025232060665	CR-2016EL/2B	2	12	10	
	5410853043812	CR-2016EL/6BP	6	20	5	
CR2032	5019068085121	CR-2025EL/1B	1	12	10	
	5025232060672	CR-2025EL/2B	2	12	10	
CR2354	5410853043829	CR-2025EL/6BP	6	20	5	
	5019068085138	CR-2032EL/1B	1	12	10	
	5025232060689	CR-2032EL/2B	2	12	10	
CR2430	5410853043836	CR-2032EL/6BP	6	20	5	
	5410853038481	CR-2354EL/1B	1	12	10	
CR2450	5410853012313	CR-2430EL/1B	1	12	10	 <p>Individual perforations for each of the 6 batteries.</p>
	5410853014355	CR-2450EL/1B	1	12	10	
	5410853049074	CR-2450EL/6BP	6	20	5	



Panasonic lithium coin batteries have 0% mercury added

DESIGNED TO PROVIDE **RELIABLE AND LONG LASTING POWER**



LR44



LR1130



LR43



LRV08



LR1

Micro Alkaline:



- The Panasonic's Cell Power MICRO ALKALINE coins have been designed to provide reliable and long lasting power

Suitable for:



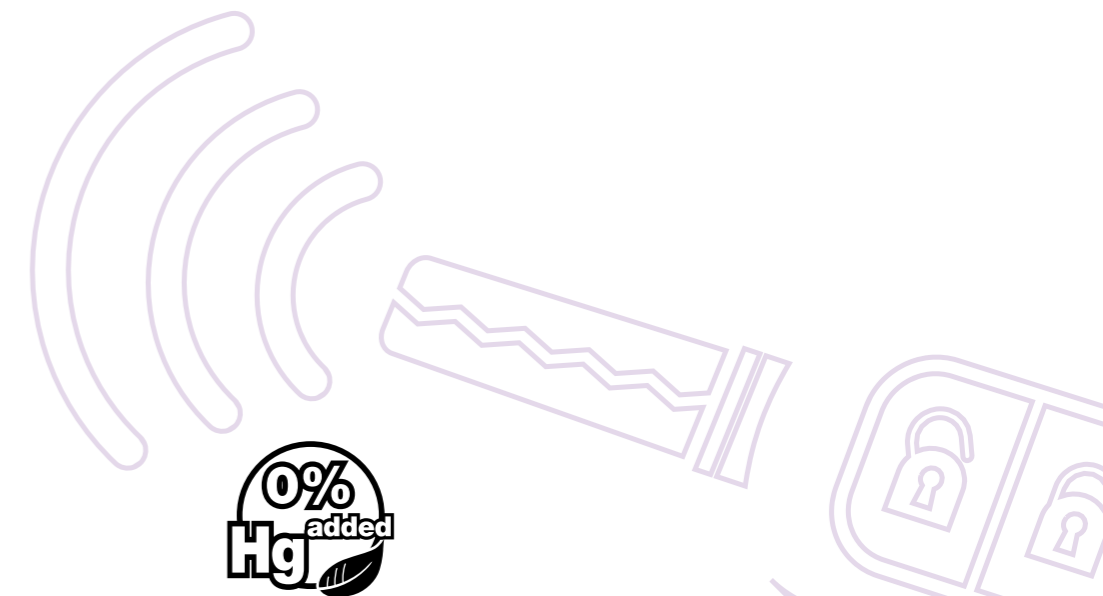
Product benefits:



- Excellent price versus quality ratio
- Extensive cross reference table on the blister
- No mercury added

Specifications:

Model N°	CSU EAN	Re-order N°	Batteries/	Blisters/	Innercartons/
			Blister	Innercarton	Outercarton
Blister					
LR44	5019068083035	LR-44EL/1B	1	12	10
	5410853018469	LR-44EL/2B	2	24	10
	5410853049135	LR-44L/6BP	6	20	5
LR1130	5019068083011	LR-1130EL/1B	1	12	10
LR43	5019068083028	LR-43EL/1B	1	12	10
LRV08	5019068592568	LRV08L/1BE	1	10	10
	5410853049104	LRV08L/2BE	2	10	10
LR1	5019068592551	LR1L/1BE	1	10	10



Panasonic micro alkaline batteries have 0% mercury added

# ZINC AIR

Batteries for hearing aid

UP TO **20%**  
**INCREASED CAPACITY\***



## Zinc Air

- Panasonic ZINC AIR hearing aid batteries have been developed with the consumer's needs in mind

Suitable for:



### Product benefits:

- Up to 20% increased capacity vs previous Panasonic zinc air batteries.
- Ideal for new generation digital hearing aids.
- Comfortable, light and providing a steady level of power for hearing enhancement equipment.
- Reliable power in various temperature conditions.

### Packaging benefits:

- Convenience: easy to store, to open, to choose.
- Consumer guidance with clear product information.
- Attractive design.

### Specifications:

Model N°	CSU EAN	Re-order N°	Batteries/ Blister	Blisters/ Innercarton	Innecartons/ Outercarton
Blister					
PR10 (PR230/PR536)	5410853023296	PR-10L/6LB	6	10	40
PR13 (PR48)	5410853023289	PR-13/6LB	6	10	40
PR312 (PR41)	5410853023302	PR-312/6LB	6	10	40
PR675 (PR44)	5410853023319	PR-675/6LB	6	10	40



Compact sized blisters.  
Easy to stow away; fits in purse or wallet.



PR10



PR13



PR312



PR675



\* Vs. Previous Panasonic PR-675H [44H] & PR-675P [44P] – IEC test conditions until 1.05V

# SILVER OXIDE

Cell power

DESIGNED TO OFFER **HIGH PERFORMANCE** IN A **WIDE VARIETY OF APPLIANCES**



Designed to offer high performance in a wide variety of appliances



- The Panasonic's cell power SILVER OXIDE batteries are designed to offer high performance in a wide variety of appliances.

Suitable for:



Product benefits:



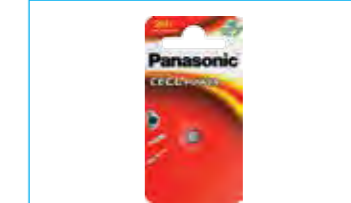
- High performance batteries for various types of watches and other small electronic.
- Wide range available on blister.
- Extensive cross reference table on the blister.
- No mercury added

Specifications:

Model N°	CSU EAN	Re-order N°	Batteries/ Blister	Blisters/ Innercarton	Innercartons/ Outercarton
<b>Blister</b>					
SR521	5410853035466	SR-521EL/1B	1	12	10
SR616	5410853035473	SR-616EL/1B	1	12	10
SR621	5410853035480	SR-621EL/1B	1	12	10
SR626	5410853035497	SR-626EL/1B	1	12	10
SR721	5410853035503	SR-721EL/1B	1	12	10
SR920	5410853035527	SR-920EL/1B	1	12	10
SR927	5410853035534	SR-927EL/1B	1	12	10
SR936	5410853035541	SR-936EL/1B	1	12	10
SR1130	5410853035428	SR-1130EL/1B	1	12	10
SR41	5410853035435	SR-41EL/1B	1	12	10
SR44	5410853013976	SR-44EL/1B	1	12	10
4SR44	5410853013990	4SR44L/1BP	1	12	10



New space saving blister size still with maximum information on it.



Panasonic silver oxide batteries have 0% mercury added



## Counter Displays<sup>(1)</sup>



SRP



Codis



Codis F4

## Floor Displays<sup>(1)</sup>



Flodis 12W



Flodis 18SW



CFD



BFD

### CARTON PROMOTIONAL

Panasonic's carton displays are designed to offer benefits to both consumers and trade. Panasonic offers different display concepts: displays containing SRP (shelf ready packaging)-units as a building stone, displays with traditional pockets as well as displays using trays.

### PRODUCT BENEFITS DISPLAYS

- Limited time to set up & re-fill
- All displays are sent pre-filled
- All displays have been manufactured with environmental friendly materials
- Excellent overall quality & stability
- Modern design
- High impact branding on topcard and side panels
- High product visibility
- Easy access to products

## Specifications:

Displays <sup>(2)</sup>	Dimensions without topcard			Inclusive	Topcard	Features	Pallet	Concept		
	Height (cm)	Width (cm)	Depth (cm)		Dimensions (Height x Width) (cm)			Net weight (kg)/display <sup>(3)</sup>	SRP	Pocket
<b>Counter display</b>										
SRP	3	18,5	18,5	Yes	15 x 17	0,043	NA	X		
Codis	12	19	39	Yes	15 x 17	0,16	NA			X
Codis F4	12,5	35,5	16	Yes	12,5 x 35,5	0,32	NA	X		
<b>Floor display</b>										
Flodis 12W	117	37	40	Yes	35 x 37	2,6	NO		X	
Flodis 18SW	142	60	40	Yes	42 x 60	13,4	YES	X		
CFD	115	39,5	55	Yes	40 x 39	9,3	YES			X
BFD	97	80	60	Yes	46 x 80	18,5	YES			X



<sup>(1)</sup> These display types can be different from country to country, please contact your local representative/dealer

<sup>(2)</sup> Display visuals: final design pending on promotional campaign

<sup>(3)</sup> Weight is excluding display filling

# DISPLAYS

## Metal Permanent <sup>(1)</sup>



DESIGNED TO OFFER **BENEFITS**  
TO BOTH **CUSTOMERS**  
AND **TRADE**

### METAL PERMANENT

Panasonic's permanent metal display range is designed to offer benefits to both consumers and the trade.

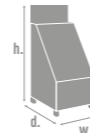
### PRODUCT BENEFITS

Attractive design, in line with Panasonic's carton displays

- Maximised brand visibility
- Displays for different channels: solutions for checkouts, secondary placements, big volumes & high premium displays
- Quick mounting
- Excellent quality

### PRODUCT BENEFITS DISPLAYS

- All metal displays are delivered with topcard, side panels and pre-mounted bars of hooks.
- All counter & side hanger displays are delivered empty in one carton with standard Panasonic topcard.



## Specifications:

Displays	EAN	Dimensions				Features		Logistics			
		Height (cm)	Width (cm)	Depth (cm)	Hook length (cm)	N° hooks	N° rows	Net weight (kg)	Gross weight (kg)	Cartons/ Pallet	Outercarton dimensions (cm) (WxHxD)
<b>Counter display</b>											
Counter 6H	5410853043287	61,4	23	20	18	6	3	2,4	3,6	50	24 x 62 x 24
Counter 6H AT	5410853043294	61,4	23	20	18	6	3	2,4	3,6	50	24 x 62 x 24
Counter 6H flex	5410853043300	61,4	23	20	18	6	3	2,9	4,1	50	24 x 62 x 24
Counter 6H Battery Shaped	5410853043485	56	28	23	18	6	3	8	9	12	29 x 58 x 24
Counter 6H Battery Shaped AT	5410853047308	56	28	23	18	6	3	8	9	12	29 x 58 x 24
Counter 9H	5410853043539	61,4	32,5	20	19	9	3	2,8	5	25	35 x 80 x 24
Counter 12H	5410853043546	77,9	32,5	20	18	12	4	3,7	4,9	30	35 x 65 x 24
<b>Metal clip strips</b>											
Metal Strip 5H	5410853043324	80	15	12	12	5	5	0,5	0,7	50	17 x 80 x 13
<b>Floor display (brand side panel incl.)</b>											
Floor 20H	5410853043348	146	53	40	30	20	5	21	25,7	10	58 x 118 x 19
Floor 28H	5410853043379	180	53	40	30	28	7	27	31,7	10	58 x 118 x 19
Floor 28H Flexi	5410853043386	180	53	40	27	28	7	24,8	29,5	10	58 x 118 x 19
Floor 30H	5410853043409	230	43,5	40	30	30	10	27	29,7	10	60 x 120 x 21
Floor 40H	5410853043416	230	53	40	30	40	10	30,1	33,1	5	58 x 118 x 19
Floor 50H	5410853043423	230	62,5	40	30	50	10	33,1	36,1	5	68 x 118 x 25
Floor basket	5410853043478	180	80	50,8	27	24	4	30	33,5	10	80 x 85 x 15
Floor 2x32H Battery Shape	5410853043454	167,2	40,2	57,1	23	64	16	40	53,3	2	40 x 167 x 57

(1) Displays delivered empty – Display decoration is only an example. These display types may differ from country to country. Please contact your local representative/dealer.

## Counter Displays



Counter 6H + AT



Counter 6H flex<sup>(2)</sup>



Counter 6H battery shaped + AT<sup>(3)</sup>



Counter 9H



Counter 12H

## Metal clip strips



Metal strip 5H

## Floor Basket



Floor Basket with hooks

## 2x32H Battery Shaped<sup>(3)</sup>



## Floor Displays



Floor 20H<sup>(3)</sup>



Floor 28H



Floor 28H Flex<sup>(2) (3)</sup>



Floor 30H<sup>(3)</sup>



Floor 40H



Floor 50H<sup>(3)</sup>

(2) Flexible display contains single hooks to be clipped anywhere on the back plate.  
(3) Display only available on request.

# Cross reference table

## Alkaline

PANASONIC	DURACELL	ENERGIZER	VARTA	KODAK	RAYOVAC	SONY	OTHERS
LR03	MN2400	E92	4003	K3A	824	AM4	AAA
LR6	MN1500	E91	4006	KA	815	AM3	AA
LR14	MN1400	E93	4014	KC	814	AM2	C
LR20	MN1300	E95	4020	KD	813	AM1	D
6LR61	MN1604	522	4022	K9V	A1604	AM6	9V
3LR12	MN1203	-	4012	-	-	-	4,5V

## Zinc Carbon

PANASONIC	ENERGIZER	KODAK	MAXELL	RAYOVAC
R03	A91	K3A	R03P(AB)	3AAA
R6	A92	KA	R6P	5Aw
R14	A93	KC	R14P	4C
R20	A95	KD	R20P	6D
6F22	A522	K9V	-	D1604

## Photo Lithium

PANASONIC	DURACELL	ENERGIZER	KODAK	IEC
CR2	DL CR2	CR2	KCR2	CR17355
CR123	DL 123A	EL CR123AP	K123LA	CR17345
2CR5	DL 245	EL 2CR5	KL2CR5	2CR5
CRP2	DL 223A	EL 223AP	KCRP2A	CRP2
CRV3	DL CRV3	EL CRV3	CRV3	-

## Rechargeable

PANASONIC	DURACELL	ENERGIZER	VARTA	PHILIPS	MEMOREX
HHR4 (P03)	HR03	RX03	5003	NCR03P	HR03
HHR3 (P6)	HR6	RX6	5006	NCR6P	HR6
HHR2 (P14)	HR14	RC14S	5014	NCR14P	HR14
HHR1 (P20)	HR20	RC20S	5020	NCR20P	HR20
HHR9 (P22)	HR22	-	-	6NCR22P	9V

## Zinc Air

PANASONIC	DURACELL	ENERGIZER	VARTA	MAXELL	RAYOVAC
PR10(230)	DA230	230AP	V230A	-	10AE
PR13	DA13	13AP	V13A	EP13E	13AE
PR312	DA312	312AP	V312A	EP312E	312AE
PR675	DA675	675AP	V675A	EP675E	675AE
PR675	-	EP675E	-	675AP	-

## Micro Alkaline

PANASONIC	DURACELL	ENERGIZER	VARTA	PHILIPS	KODAK	RAYOVAC	MAXELL	SONY	IEC
LR44	LR44	A76	V13GA	A76	KA76	RW82	LR44	-	LR44
LR1130	LR54	189	V10GA	-	KA54	RW89	-	-	-
4LR44	4LR44	A544	V4034PX	PX4034	K28A	-	4LR44	-	4LR44
LR43	LR43	186	V12GA	186	KA43	RW84	-	-	LR43
LRV08	MN21	E23A	V23GA	8LR932	K23A	23A-SP1	-	-	8LR932
LR1	MN9100	E90	4001	LR1	KN	LR01 (801)	LR1	AM5	LR1

## Lithium Coin

PANASONIC	DURACELL	KODAK	OTHERS
CR1025	DL1025	-	-
CR1216	DL1216	-	-
CR1220	DL1220	-	-
CR1616	DL1616	-	-
CR1620	DL1620	-	-
CR1632	-	-	-
CR2012	-	KCR2012	-
CR2016	DL2016	KCR2016	LM2016
CR2025	DL2025	KCR2025	LM2025
CR2032	DL2032	KCR2032	LM2032
CR2354	-	KCR2354	-
CR2430	DL2430	KCR2430	LM2430
CR2450	DL2450	KCR2450	-

## Silver Oxide

PANASONIC	DURACELL	ENERGIZER	VARTA	KODAK	MAXELL	RAYOVAC	IEC
SR516	D317	317	V317	-	SR516SW	317 (RW326)	-
SR521	D379	379	V379	-	SR521SW	379 (RW327)	SR63
SR616	D321	321	V321	-	SR616SW	321 (RW321)	SR65
SR621	D364	364	V364	-	SR621SW	364 (RW320)	SR60
SR626	D377	377	V377	-	SR626SW	377 (RW329)	SR66
	D376	376	V376	-	SR626W	-	-
SR721	D362	362	V362	-	SR721SW	362 (RW310)	SR58
	D361	361	V361	-	SR721W	361 (RW410)	-
SR726	D397	397	V397	-	SR726SW	397 (RW311)	SR59
SR920	D371	371	V371	-	SR920SW	371 (RW315)	SR69
	D370	370	V370	-	SR920W	370 (RW415)	-
SR927	D395	395	V395	-	SR927SW	395 (RW313)	SR57
	D399	399	V399	-	SR927W	399 (RW413)	-
SR936	D394	394	V394	-	SR936SW	394 (RW33)	SR45
SR1120	D391	391	V391	-	SR1120SW	391 (RW40)	SR55
	D381	381	V381	-	SR1120W	381 (RW30)	-
SR1130	D390	390	V390	-	SR1130SW	390 (RW39)	SR54
	D389	389	V389	-	SR1130W	389 (RW49)	-
SR41	D384	384	V384	-	SR41SW	384 (RW37)	SR41
	D392	392	V392	-	SR41W	392 (RW47)	-
SR44	D357	EPX76	V76PX	KS76	SR44	357	SR44
4SR44	PX28	544	V28PX	KS28	-	RPX28	4SR44



# Technical specifications

## Evolta

Model N°	Size		Technology	Voltage (V)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
LR03EGE	S	AAA	Alkaline	1,5	44,5	10,5	11,4	10
LR6EGE	M	AA	Alkaline	1,5	50,5	14,5	23,1	10
LR14EGE	L	C	Alkaline	1,5	50,0	25,7	68,7	10
LR20EGE	XL	D	Alkaline	1,5	61,5	33,6	140,9	10
6LR61EGE	9V	9V	Alkaline	9	47,5	25,25 x 16,3	43,3	5

## Pro Power

Model N°	Size		Technology	Voltage (V)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
LR03PPG	S	AAA	Alkaline	1,5	44,5	10,5	11,4	10
LR6PPG	M	AA	Alkaline	1,5	50,5	14,5	23,1	10
LR14PPG	L	C	Alkaline	1,5	50,0	25,7	68,7	10
LR20PPG	XL	D	Alkaline	1,5	61,5	33,6	140,9	10
6LR61PPG	9V	9V	Alkaline	9	47,5	25,25 x 16,3	43,3	5
3LR12PPG	-	-	Alkaline	4,5	67	62 x 22	163	5

## Everyday Power

Model N°	Size		Technology	Voltage (V)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
LR03EPS	S	AAA	Alkaline	1,5	44,5	10,5	10,8	10
LR6EPS	M	AA	Alkaline	1,5	50,5	14,5	23,1	10
LR14EPS	L	C	Alkaline	1,5	50,0	25,7	66,6	10
LR20EPS	XL	D	Alkaline	1,5	61,5	33,6	136,5	10
6LR61EPS	9V	9V	Alkaline	9	47,5	25,25 x 16,3	42,9	5

## Alkaline Power

Model N°	Size		Technology	Voltage (V)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
LR03APB	S	AAA	Alkaline	1,5	44,5	10,5	10,8	5
LR6APB	M	AA	Alkaline	1,5	50,5	14,5	22,8	5
LR14APB	L	C	Alkaline	1,5	50,0	25,7	66,6	5
LR20APB	XL	D	Alkaline	1,5	61,5	33,6	136,5	5
6LR61APB	9V	9V	Alkaline	9	47,5	25,25 x 16,3	42,9	5

## Red Zinc

Model N°	Size		Technology	Voltage (V)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
R03RZ	S	AAA	Zinc carbon	1,5	44	10,2	8,85	3
R6RZ	M	AA	Zinc carbon	1,5	50,25	13,9	17,5	3
R14RZ	L	C	Zinc carbon	1,5	49,4	25,4	47,7	3
R20RZ	XL	D	Zinc carbon	1,5	60,7	32,9	98,5	3
6F22RZ	9V	9V	Zinc carbon	9	48,5	17,5 x 26,5	37,9	2,5
3R12RZ	-	-	Zinc carbon	4,5	67	62 x 22	110	2,5
PP9RZ	-	-	Zinc carbon	9	78	65 x 50	368,76	2

## Rechargeable Evolta

Model N°	Size		Technology	Voltage (V)	Capacity (mAh) <sup>(1)</sup>	Height (mm)	Diameter (mm)	Weight (g)
HHR-4XXE	AAA	S	Ni-MH	1,2	900	43,9	10,2	12,6
HHR-3XXE	AA	M	Ni-MH	1,2	2450	50,35	14,2	29,2

## Rechargeable Ready to Use 1900 - 750

Model N°	Size		Technology	Voltage (V)	Capacity (mAh) <sup>(1)</sup>	Height (mm)	Diameter (mm)	Weight (g)
HHR-4MVE	AAA	S	Ni-MH	1,2	750	44,5	10,5	13
HHR-3MVE	AA	M	Ni-MH	1,2	1900	50,5	14,5	29
HHR-2SRE	C	L	Ni-MH	1,2	2800	49,8	25,6	69,4
HHR-1SRE	D	XL	Ni-MH	1,2	2800	61,6	32,9	81,1
HHR-9SRE	9V	9V	Ni-MH	8,4	170	47,6	15,35x25,7	31,6

## Rechargeable Ready to Use 1000 & telephone

Model N°	Size		Technology	Voltage (V)	Capacity (mAh) <sup>(1)</sup>	Height (mm)	Diameter (mm)	Weight (g)
HHR-3LVE	AA	M	Ni-MH	1,2	1000	50,5	14,5	20,35

## Photo Lithium

Model N°	Technology	Voltage (V)	Capacity (mAh)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
CR2	Photo lithium	3	850	27	15,6	11,08	10
CR123	Photo lithium	3	1400	34,5	17,1	17	10
2CR5	Photo lithium	6	1400	45	17 x 34	38	10
CRP2	Photo lithium	6	1400	36	19,5 x 34	37	10
CRV3	Photo lithium	3	3300	52	14 X 28	39	10

## Lithium coin

Model N°	Technology	Voltage (V)	Capacity (mAh)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
CR1025	Lithium	3	30	2,50	10,00	0,7	10
CR1216	Lithium	3	25	1,60	12,50	0,7	10
CR1220	Lithium	3	35	2,00	12,50	0,9	10
CR1616	Lithium	3	55	1,60	16,00	1,2	10
CR1620	Lithium	3	75	2,00	16,00	1,3	10
CR1632	Lithium	3	140	3,2	16,00	1,8	10
CR2012	Lithium	3	55	1,2	20,00	1,4	10
CR2016	Lithium	3	90	1,60	20,00	1,7	10
CR2025	Lithium	3	165	2,50	20,00	2,6	10
CR2032	Lithium	3	220	3,20	20,00	3,1	10
CR2354	Lithium	3	565	5,4	23,00	5,8	10
CR2430	Lithium	3	285	3,00	24,50	3,9	10
CR2450	Lithium	3	620	5,00	24,50	6,3	10

(1) Minimum capacity

# Technical specifications

## Micro Alkaline coin

Model N°	Technology	Voltage (V)	Capacity (mAh)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
LR44	Alkaline	1,5	120	5,10	11,50	1,95	3
LR1130	Alkaline	1,5	65	3,00	11,60	1,27	3
LR43	Alkaline	1,5	100	4,12	11,60	1,50	3
LRV08	Alkaline	12,0	38	28,00	10,00	7,50	3
LR1	Alkaline	1,5	900	30,20	12,00	9,20	5

## Zinc Air

Model N°	Technology	Voltage (V)	Capacity (mAh)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
PR10 (PR230/PR536)	Zinc air	1,4	75	3,6	5,8	0,28	3
PR13 (PR48)	Zinc air	1,4	300	5,4	7,9	0,8	3
PR312 (PR41)	Zinc air	1,4	170	3,6	7,9	0,49	3
PR675 (PR44)	Zinc air	1,4	605	5,4	11,6	1,76	3

## Silver Oxide

Model N°	Technology	Voltage (V)	Capacity (mAh)	Height (mm)	Diameter (mm)	Weight (g)	Shelf life
SR521	Silver Oxide	1,55	17	2,15	5,80	0,24	3
SR616	Silver Oxide	1,55	16	1,65	6,80	0,25	3
SR621	Silver Oxide	1,55	23	2,15	6,80	0,31	3
SR626	Silver Oxide	1,55	28	2,60	6,80	0,39	3
SR721	Silver Oxide	1,55	25	2,10	7,90	0,41	3
SR920	Silver Oxide	1,55	45	2,05	9,50	0,60	3
SR927	Silver Oxide	1,55	55	2,70	9,50	0,80	3
SR936	Silver Oxide	1,55	70	3,60	9,50	1,07	3
SR1130	Silver Oxide	1,55	82	3,10	11,60	1,50	3
SR41	Silver Oxide	1,55	45	3,60	7,90	0,70	3
SR44	Silver Oxide	1,55	180	5,40	11,60	2,40	3
4SR44	Silver Oxide	6,20	160	25,10	13,00	11,00	3

**Panasonic Automotive & Industrial Systems Europe GmbH**  
Consumer Batteries  
Winsbergring 15, 22525 Hamburg  
Germany  
Tel: +49 40 853 86 217  
Fax: +49 40 853 86 177

**Panasonic Automotive and Industrial Systems Europe GmbH (PAISEU)**  
Willoughby Road Bracknell Berkshire RG128FP  
United Kingdom  
Tel: +44 1344 853795  
Fax: +44 1344 853 724

**Panasonic France**  
1 à 7 rue du 19 mars 1962, 92238 Gennevilliers cedex  
France  
Tel: +33 1 47 91 64 00  
Fax: +33 1 47 91 63 80

**Panasonic Italia S.p.A. - Battery Department**  
Via dell'Innovazione 3, 20126 Milano  
Italy  
Tel: +39 02 6788 1  
Fax: +39 02 6788 397

**Panasonic Poland - Battery Dept.**  
Woloska 9a, 02-583 Warszawa  
Poland  
Tel: +4822 338 11 43  
Fax: +4822 338 11 22

**Panasonic Nordic AB Batterier**  
Telefonvägen 26, 126 26 Hägersten  
Sweden  
Tel: +46 8 680 26 96  
Fax: +46 8 680 27 55  
e-mail: sweden-offices.batteries@eu.panasonic.com  
<http://www.panasonic-batteries.com>  
<http://panasonic.se>

**Panasonic Nordic, Filial till Panasonic Marketing Europe GmbH, Germany**  
Naverland 2, 9 sal  
DK - 2600 Glostrup, Denmark  
Tel: +46 8 680 26 96  
Fax: +46 8 680 27 55  
e-mail: denmark-offices.batteries@eu.panasonic.com  
<http://www.panasonic-batteries.com>  
<http://panasonic.se>

**Panasonic Marketing Europe GmbH**  
Thámova 289/11, Prague 8 168 00  
Czech Republic  
Tel: +420 236 032 577  
Fax: +420 236 032 570

**Panasonic Energy Europe N.V. - Benelux department**  
Brusselsesteenweg 502, 1731 Zellik  
Belgium  
Tel: +32 2 481 11 76  
Fax: +32 2 463 04 26

**Panasonic Marketing Europe GmbH**  
filial in Finland Metsänneidonkuja 12, 02130 Espoo  
Finland  
Tel: + 46 8 680 26 96  
Fax: + 46 8 680 27 55  
e-mail: finland.batteries@eu.panasonic.com  
<http://www.panasonic-batteries.com>  
<http://panasonic.se>

**SIA Premium Power System**  
Dzirnavu iela 70  
1050 Riga, Latvia  
Tel: +371 67281296  
Fax: +371 67282763  
e-mail: premium@e-premium.lv

**Teloptic / Avaks**  
Mostarko Raskrsce b.b.  
71000 Sarajevo, Bosnia  
United Kingdom  
Tel: +387 33 638870 890  
Fax: +387 33 63 88 90  
e-mail : info@teloptic.ba

**Amperel**  
126 Tsar Boris III Bvd, Floor 7  
1612 Sofia, Bulgaria  
Tel: +359 2 8182620  
Fax: + 359 2 9559263  
e-mail : sofia@amperel.net

**Elica**  
Juan Ravina Méndez, 7 - Poligono Ind. Costa Sur  
38009 Santa Cruz de Tenerife, Spain  
Tel: +34 922 20 25 27  
Fax: +34 922 20 44 35  
e-mail : jsosa@elicacanarias.com

**M SAN Grupa**  
Buzinski prilaz 10  
10010 Buzin, Zagreb, Croatia  
Tel: +385 1 6690 760  
Fax: +385 1 36 54 929  
e-mail: info\_cea@msan.hr

**Proton Ltd**  
Rr."Luigj Gurakuqi", Pallati 89 Sh.A, Kati 10  
Tirana, Albania  
Tel: +355 422 275 655  
Fax: +355 422 275 605  
Mobile: +355 69 600 6500  
e-mail: endri.ndoni@proton-grp.com

**Sancta Domenica**  
Dr. Franje Tudmana 69  
10431 Sveta Nedelja, Croatia  
Tel: +385 1 3369 562  
Fax: +385 1 3369 556  
e-mail: info@sancta-domenica.hr

**Nordic Digital AS**  
Tööstuse tee 6, Tõrvandi alevik Ülenurme vald,  
61715 Tartumaa, Estonia  
Tel: +372 733 7700  
Fax: +372 733 7729  
e-mail: info@nordic-digital.ee

**Intertech Sa**  
Afroditis Street 24  
16777 Helliniko, Greece  
Tel: +30 210 9692 300  
Fax: +30 210 9648588  
e-mail: mofficer@intertech.gr

**UAB Tomita**  
Jonavos G.104  
44138 Kaunas, Lithuania  
Tel: (8-37) 32 32 02  
Fax: (8-37) 32 33 03  
e-mail : tomita@tomita.lt

**Evro Stil**  
BuL.Vojvodina br. 4 (Slavija)  
1000 Skopje, Macedonia  
Tel: +47 95 98 55 00  
Fax: +47 23 17 89 59  
e-mail : evrostil\_cosmetic@hotmail.com

**Naba Bjelland AS**  
Bjørnerudveien 12 A  
1266 Oslo, Norway  
Tel: +47 95 98 55 00  
Fax: +47 23 17 89 59  
e-mail: post@naba.no  
[www.nababjelland.no](http://www.nababjelland.no)

**Tempel Group Portugal**  
Cacém Park – Armazém 29  
Estrada de Paço d'Arcos 88-88 A  
2735-307 Cacém, Portugal  
Tel: +351 214220540  
Fax: +351 214220549  
e-mail: marketing.pt@tempelgroup.com

**Contrel**  
UL.Rableova 24  
11060 Beograd, Serbia  
Tel: +381 21 6397 009  
Fax: +381 21 6397 009  
e-mail: office@contrel.co.rs

**Eurofoto D.O.O.**  
Poslovna cona A 20  
4208 Sencur, Slovenia  
Tel: +386 4 6 000 200  
Fax: +386 4 6000 201  
e-mail: info@eurofoto.si

**Tempel Group**  
Cobalto 4  
08907 L'Hospitalet de Llobregat Barcelona,  
Spain  
Tel: +34 936003610  
Fax: +34 933373910  
e-mail: marketing@tempelgroup.com

**Burla**  
Bankalar Cad. No 23  
34420 Karaköy, Istanbul, Turkey  
Tel: +90 2122564950  
e-mail: pil@burla.com

**Flasher**  
Aleea Teisani 125 building A/2  
014034 Bucuresti, Romania  
Tel: +4031 4327786  
Fax: +4031 4327787  
e-mail: office@flasher.ro

**Kapacitas Kft.**  
Szentpetery u.24  
1115 Budapest, Hungary  
Tel: +36 1 4630 888  
Fax: +36 1 4630 899  
e-mail: info@kapacitas.hu

**H&A Kft.**  
2146. Mogyoród, Gödöllői út 29/a.  
2146, Mogyoród, Pf.: 56, Hungary  
Tel: +36 20 934 13 59  
e-mail: info@hakft.hu

**Panasonic**

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