CATALOGUE | www.panasonic-batteries.com

Panasonic
ideas for life

2011



Battery Catalogue

BATTERY
CATALOGUE

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PANASONIC BATTERIES
YOUR POWER PARTNER

eco ideas

PANASONIC EVOLTA, THE FLAGSHIP BRAND DRIVING THE FULL RANGE

Ongoing development is at the heart of the Panasonic brand and our batteries continue to set new standards for performance and endurance. Panasonic unleashed the next generation of portable power across Europe in April 2011 with the introduction of its revolutionary **EVOLTA** batteries.

Endorsed by the Guinness Book of World Records, **EVOLTA** is the World's No.1 long lasting AA **alkaline battery**[(1)]. Next to this there is also the **rechargeable EVOLTA battery** with the highest life cycle[(2)] (up to 1600 cycles), meaning the new range helps to increase energy efficiency and saves resources.

With these unbeatable features, the **EVOLTA** batteries and Mr Evolta – the record-breaking robot created to show everyone the world-beating power of **EVOLTA** Alkaline AA batteries – lead the entire Panasonic range.



PANASONIC'S ENVIRONMENTAL MISSION

As well as producing better performing products, Panasonic's commitment to the environment is put into action through a series of initiatives:

- **Green Life Innovations offer products to people which can enrich their lives in a sustainable way.**

  We aim to manufacture environmentally friendly products that use resources efficiently and are the result of careful technical management.

  We believe that better informed consumers are key to improving sustainability. Our Eco Ideas label puts the spotlight on green product features so that everyone can make more environmentally-friendly buying decisions.

  For EVOLTA primary alkaline batteries the label highlights how higher energy efficiency means less batteries needed, which helps to preserve resources [(2)].

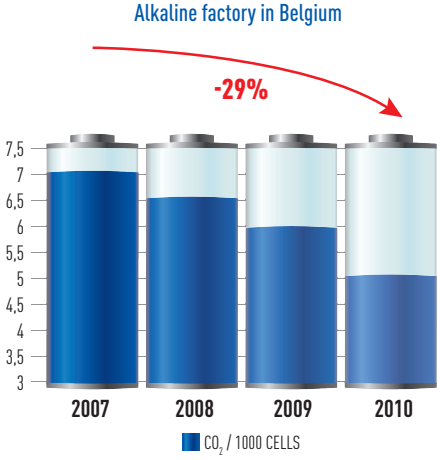
  For EVOLTA rechargeable batteries it points out how a battery with more charging cycles at high capacity gives higher energy efficiency and leads to less product disposal[(3)]. In this case it means that the Rechargable Evolta reaches up to 30% more cycle life vs previous Panasonic Infinium.

- **Green Business Innovations focus on improving the sustainability of our business processes and operations.**

  We have exceeded strict CO_2 emission reduction targets and are now accelerating recycling plans in all our manufacturing processes.

  For our battery products we already implemented initiatives such as:
  - recycled material for outer cartons (100%)
  - recycled material blister cards (90%)

  From 01/01/2011, our alkaline factory in Belgium reached a 0% waste ratio which means that all leftover materials from production can either be recycled or reused and will certainly not go to landfill.



(1) GWR certified on Jan. 15th, 2008 and re-certified on Dec. 1st, 2010 following IEC standards averaged across seven test modes. Actual performance may vary depending on use.
(2) 20% longer lasting (vs. Panasonic Alkaline Standard Power Silver 2010 – based on average PI of IEC internal testing).
(3) Internal Panasonic testing according to JIS/IEC – status December 2010

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Panasonic
ideas for life



GUINNESS WORLD RECORDS™

GUINNESS WORLD RECORDS is a registered trade mark of Guinness World Records Limited

Trade Information

TRADE INFORMATION

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PANASONIC BATTERIES
YOUR POWER PARTNER

PANASONIC GROUP WORLDWIDE

WORLDWIDE LEADING ENTERPRISE

- Production of over 15,000 electronic products worldwide for multiple customer needs
- Applications for private, commercial and industrial markets
- Global turnover business year 2009: 79.4 billion US$ (1)
- Ranked 5th in Fortune Global 500 Electronics Companies 2009 (2)
- Almost 385,000 employees (consolidated) (1)
- Global activities:
  - 539 Panasonic Group companies worldwide (1)
  - 113 manufacturing companies (1)
  - 42 sales companies (1)
  - 12 R&D companies (1)
- Stock exchange listing: Tokyo, Osaka, Nagoya and New York (NYSE:PC)



(1) as of 31st March, 2010

(2) As stated online at Fortune on CNNMoney.com (20th June, 2009)

PANASONIC'S ENVIRONMENTAL AWARENESS

Panasonic leads the way... with eco ideas

Looking to the 100th anniversary of our founding in 2018, Panasonic aims to be the No.1 Green Innovation Company in the Electronics Industry.
We will make the 'environment' central to all of our business activities and further accelerate our initiatives to realize this vision.

Our initiatives:

ECO IDEAS FOR LIFESTYLES
We will promote lifestyles which will virtually reduce CO_2 emissions throughout the world.

ECO IDEAS FOR BUSINESS STYLES
We will create and pursue a business-style which makes the best use of resources and energy.



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PANASONIC BATTERIES
YOUR POWER PARTNER

PANASONIC BATTERIES WORLDWIDE

LEADER IN BATTERY TECHNOLOGY AND KNOW-HOW



EMPLOYEES
- 2,200 in Japan and 14,300 in domestic & overseas affiliated companies [3]

RANKING
- Top 3 sales in all consumer segments [4]

PARTNERSHIPS
- Long term collaboration with industry leaders

(3) as of October 31, 2008
(4) Source: «2008 Battery Market Survey» by Fuji Keizai Co., Ltd.

PRODUCTION AND CAPACITY ADVANTAGES



INTEGRATION
- R&D, product and production technology

EFFICIENCY
- Highly efficient and flexible manufacturer with short time to market

COVERAGE
- 19 factories in 13 countries covering all regions

EXPERIENCE
- 80 years in battery manufacturing (since 1931)

LEADER IN INNOVATION

1995 : 1ST HIGH DRAIN ALKALINE
For growing market of high drain appliances

1998 : INTRODUCTION PAPER LITHIUM CELL
Ultra-thin battery, perfect for new generation credit cards

2000 : HIGHEST ENERGY LEVEL LITHIUM ION BATTERY
Lightweight, ideal for compact portable electronics

2001 : MOST DURABLE COIN LITHIUM BATTERY
Advanced features especially suited for sensor devices

2002 : INTRODUCTION PRIMARY NICKEL BATTERY
Perfect battery for the growing market of digital cameras

2005 : LAUNCH OF DIGITAL XTREME POWER
Next generation battery with Oxyride technology

2006 : LAUNCH OF INFINIUM RECHARGEABLE BATTERIES
Rechargeable revolution: ready to use, 365 days standby power, high reliability for life!

2008: EVOLTA / EVOiA
World's No.1 long lasting AA Alkaline battery recognized by GUINNESS WORLD RECORDS



PANASONIC BATTERIES
YOUR POWER PARTNER

PANASONIC BATTERIES IN EUROPE

AN ORGANIZATION 100% DEDICATED TO BATTERIES

BUSINESS
A battery dedicated company
- Employees in Production: ± 700
- Employees in Sales & Marketing: ± 300

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



Panasonic Battery Factory
Panasonic Sales Division
Panasonic European Distribution Centre
Panasonic Distributor

A POWERFUL BRAND

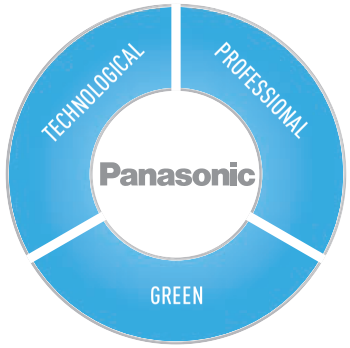
HIGH UMBRELLA BRAND AWARENESS [5]
- Panasonic umbrella brand is recognised by 90% of the consumers

VERY POSITIVE BRAND IMAGE [5]
- Trustworthy, reliable
- Top quality for an affordable price
- Strong product performance

STRONG BATTERY BRAND AWARENESS [5]
- Panasonic battery is recognised by 66% of battery buyers (aided awareness)

A STRONG BRAND AMONG THE MOST LOYAL BUYERS:
- 20% of loyal battery buyers are true to Panasonic batteries [6]

DIFFERENTIATED BRAND POSITIONING VS. OTHER BATTERY SUPPLIERS [5]
- Panasonic offers a real alternative in the battery category



(5) PECE consumer/shopper researches
(6) Loyal battery buyers represent 37% of battery buyers in Europe, other buyers are 37% deal prones and 26% unconcerned

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PER PRICE/QUALITY SEGMENT

Perfect match consumer - customer - appliance - battery trends



STANDARD
DEPENDABLE PERFORMANCE
COMMONLY USED APPLIANCES

PREMIUM
PREMIUM PERFORMANCE
PERSONAL APPLIANCES

HIGH PREMIUM
EXCEPTIONAL PERFORMANCE
ALL APPLIANCES

PANASONIC RECHARGEABLE BATTERIES

Ranking according to Eco Ideas

Up to 2600 mAh
High Capacity:
High mAh for professional use



960 AMPÈRE [7]
POWER OVER BATTERY LIFE

Up to 1100 mAh
Stay charged:
Ready to use & capacity stays up to 85% even after 1 year



1200 AMPÈRE [7]
POWER OVER BATTERY LIFE

Up to 2050 mAh
Stay charged & High Capacity:
Ready to use & the highest lifetime capacity (mAh x cycle life)



2500 AMPÈRE [7]
POWER OVER BATTERY LIFE

PANASONIC **EVOLTA**, THE FLAGSHIP BRAND DRIVING THE FULL RANGE FOR BOTH ALKALINE AND RECHARGEABLE

Umbrella communication for both **EVOLTA** products



NO.1 LONG LASTING
AA ALKALINE

PANASONIC'S MOST
ECO BATTERY

(7) Estimated capacity over lifetime of the batteries. Internal Panasonic testing 2010 (IEC)

PANASONIC BATTERIES
YOUR POWER PARTNER
PANASONIC BATTERIES IN EUROPE

SHOPPER INSIGHTS

50% of battery shoppers put batteries on their shopping list [8]
- Need to focus on the main shelf

50% of the battery shoppers buy on impulse [8]
- Maximum confrontation with batteries through secondary locations

Battery category is not always clear for shoppers [8]
- Shelf should be organised to meet shopper expectations
- Appliance-based approach can help them make the right choice

Around 70% of shoppers have positive attitude to Rechargeable batteries, but 30% find it difficult to choose the right Rechargeable batteries and chargers [8]
- Need to simplify the Rechargeable offer

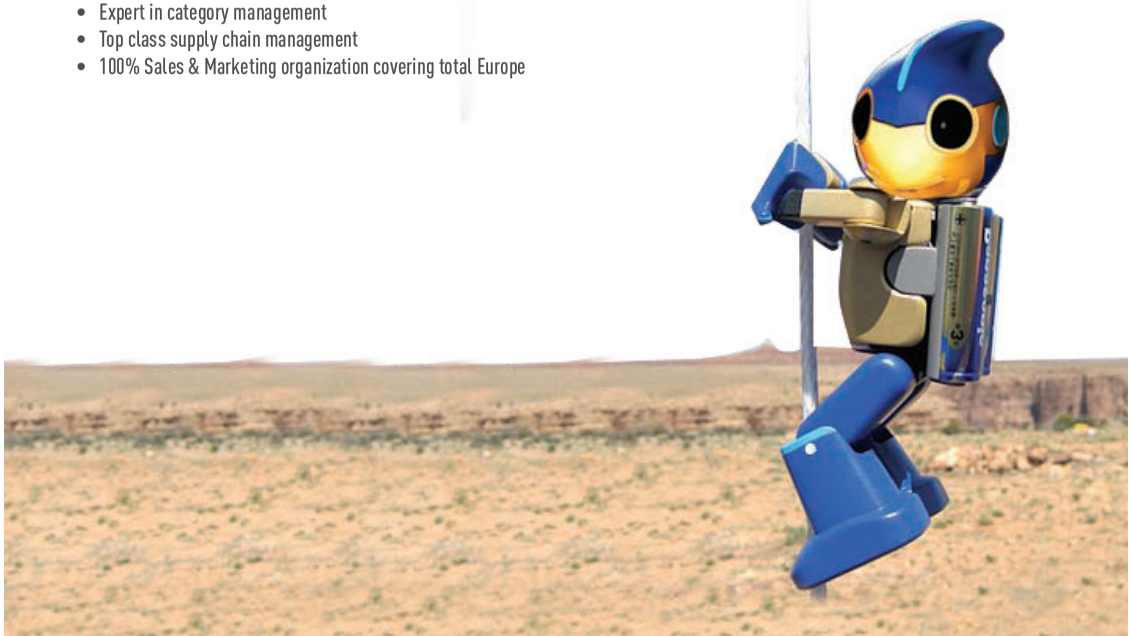
Shoppers by batteries in different channels [8]
- Important to adapt approach to each channel

(8) PECE consumer/shopper researches 2009-2010.



PANASONIC ENERGY EUROPE, YOUR PROFESSIONAL BATTERY PARTNER

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



PANASONIC BATTERIES
YOUR POWER PARTNER

- EVOLTA
- PRO POWER
- Rechargeable EVOLTA
- Rechargeable Stay Charged
- Rechargeable Accu
- Chargers
- Photo Lithium
- Zinc Air
- Silver Oxyde Cell Power
- Lithium and Micro Alkaline Cell Power
- Telephone packs and batteries
- Torches Indoor Range
- Torches Outdoor Range
- Torches Kids Range
- Torches Specialty Range
- Ultra Light Bulbs
- Displays Carton Promotional
- Displays Metal Permanent
- Cross Reference table

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Alkaline
EVOLTA



THE WORLD'S NO.1 LONG LASTING AA ALKALINE BATTERY AS RECOGNIZED BY GUINNESS WORLD RECORDS![1]. DEVELOPED TO MEET THE POWER NEEDS OF TODAY'S ELECTRONIC APPLIANCES.

SPECIFICATIONS

MODEL N°	SIZE	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
LR03EGE	S-AAA	Alkaline	1,5	44,5	10,5	11,4
LR6EGE	M-AA	Alkaline	1,5	50,5	14,5	23,1
LR14EGE	L-C	Alkaline	1,5	50,0	25,7	68,7
LR20EGE	XL-D	Alkaline	1,5	61,5	33,6	140,9
6LR61EGE	9V	Alkaline	9	47,5	25,25 x 16,3	43,3

PRODUCT BENEFITS

- Record product performance high premium alkaline range: delivering exceptional performance in low, mid and high drain products.
- eco ideas higher energy efficiency = less batteries needed = resource preservation[2].
- **EVOLTA** outperforms high premium competitors in commonly accepted industry performance tests[3], made possible by patented technological advancements.

In primary batteries, EVOLTA is the flagship product endorsed by Guinness World Records, giving a strong halo effect to all other batteries in the Panasonic range

1. Record product performance with record EVOLTA Robot communications

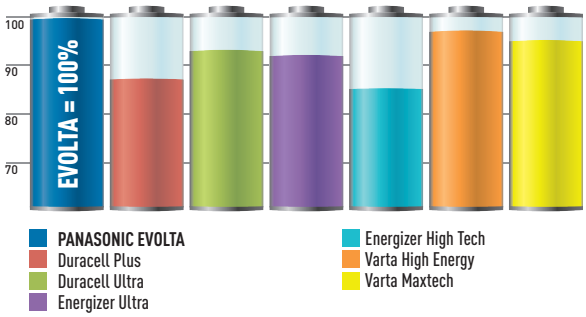
Mr **EVOLTA** – the record-breaking robot, created to show everyone that Panasonic **EVOLTA** is the "The world's N° 1 long lasting AA alkaline battery[1]"

2. Eco Ideas[2]

EVOLTA Primary: "The world's N° 1 long lasting AA alkaline battery[2]"
higher energy efficiency = less batteries needed = resource preservation[2]

eco ideas

3. See why Panasonic Evolta is 'The world's n°1 long lasting AA alkaline battery[1]':





I am 17 cm tall, 134g, powered by only two AA **EVOLTA** batteries, and I love a challenge! I climbed the 500m wall of the Grand Canyon (wind and rain, no problem!)

See me breaking records on
www.panasonic-batteries.com

GUINNESS WORLD RECORDS is a registered trade mark of Guinness World Records Limited.

"THE **WORLD'S N°1 LONG LASTING AA Alkaline battery" Recognized by GUINNESS WORLD RECORDS[1]**



LR03EGE | LR6EGE | LR14EGE | LR20EGE | 6LR61EGE

(1) GWR certified on Jan. 15th, 2008 and re-certified on Dec. 1st, 2010 following IEC standards averaged across seven test modes. Actual performance may vary depending on use.
(2) 20% longer lasting (vs. Panasonic Alkaline Standard Power Silver 2010 – based on average PI of IEC internal testing).
(3) based on average PI of IEC external testing summer 2010.

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Alkaline
EVOLTA



PACKAGING BENEFITS

- Convenience: easy to store, to open, to choose.
- Consumer guidance:
  - with clear product information
  - icons of recommended appliances
  - medal system to clarify the hierachy of the sub-brands
- High premium design based on consumer research.
- Guinness logo on blister (AA only) .
- High impact claim on leaflet to increase rotation.
- Inner carton: 100% recycled carton.
- Blister card: 90% recycled materials.

- Ability to remove either 2 or 4 batteries for easy storage.
- Perforated strip for easy opening.



Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE	BUNDLES/ PALLET
LR03EGE	5410853044840	LR03EGE/2BP	2	12	5	164
	5410853044871	LR03EGE/4BP	4	12	5	164
LR6EGE	5410853044758	LR6EGE/2BP	2	12	5	114
	5410853044789	LR6EGE/4BP	4	12	5	114
LR14EGE	5410853045137	LR14EGE/2BP	2	12	5	75
LR20EGE	5410853045120	LR20EGE/2BP	2	12	5	40
6LR61EGE	5410853045144	6LR61EGE/1BP	1	12	5	84

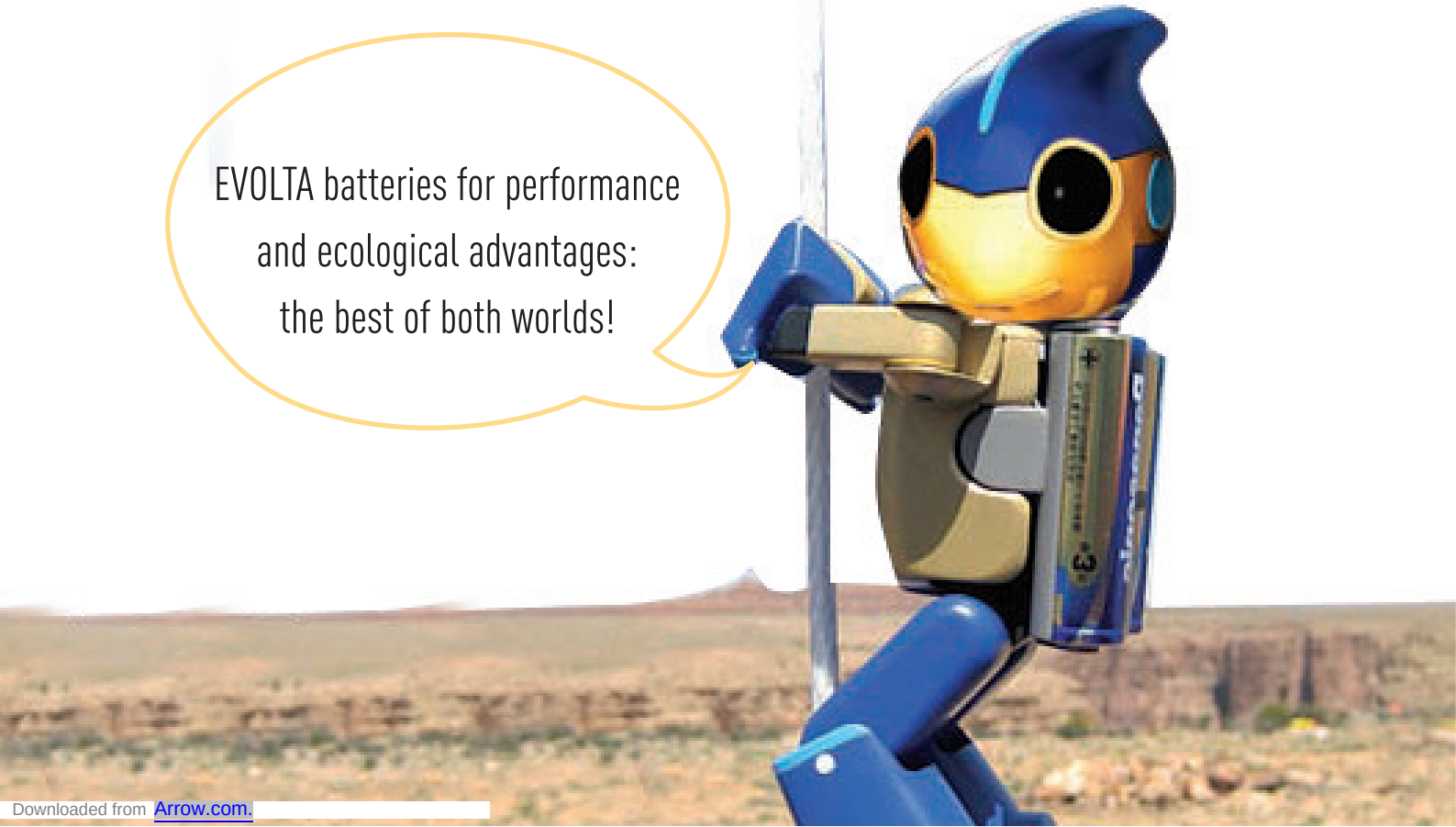
- High impact packaging with optimal product visibility.



Wide blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE	CARTONS/ PALLET
LR03EGE	5410853044819	LR03EGE/8BW	8	12	-	360
LR6EGE	5410853044727	LR6EGE/8BW	8	12	-	256

EVOLTA batteries for performance and ecological advantages: the best of both worlds!



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Alkaline
Pro Power



PANASONIC'S **PRO POWER** BATTERY OFFERS PREMIUM ENERGY FOR YOUR PERSONAL APPLIANCES.

SPECIFICATIONS

MODEL N°	SIZE	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
LR03PPG	S-AAA	Alkaline	1,5	44,5	10,5	11,4
LR6PPG	M-AA	Alkaline	1,5	50,5	14,5	23,1
LR14PPG	L-C	Alkaline	1,5	50,0	25,7	68,7
LR20PPG	XL-D	Alkaline	1,5	61,5	33,6	140,9
6LR61PPG	9V	Alkaline	9	47,5	25,25x16,3	42,9
3LR12PPG	-	Alkaline	4,5	63,0	62x22	163

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.



S
LR03PPG



M
LR6PPG



L
LR14PPG



XL
LR20PPG



9V
6LR61PPG



3LR12PPG(1)

(1) Not in proportion.

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Alkaline
Pro Power



PACKAGING BENEFITS

- Convenience: easy to store, to open, to choose.
- Consumer guidance:
  - with clear product information
  - icons of recommended appliances
  - medal system to clarify the hierachy of the subbrands
  - subbrand name reflects the performance level of the batteries.
- Premium design.
- Inner carton: 100% recycled carton.
- Blister card: 90% recycled materials.

- Ability to remove either 2 or 4 batteries for easy storage.
- Perforated strip for easy opening.



Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE	BUNDLES/ PALLET
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

- High impact packaging with optimal product visibility.



Wide blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE	CARTONS/ PALLET
LR03PPG	5410853040170	LR03PPG/8BW	8	12	-	360
	5410853040231	LR03PPG/12BW	12	12	-	360
LR6PPG	5410853039945	LR6PPG/8BW	8	12	-	256
	5410853040002	LR6PPG/12BW	12	6	-	256

- Unique Panasonic packaging.
- Batteries are shrink wrapped per 4, enabling you to remove 4 batteries at a time.



Power Tower

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE	CARTONS/ PALLET
LR03PPG	5410853040293	LR03PPG/24PT	24	12	-	132
LR6PPG	5410853040088	LR6PPG/24PT	24	12	-	88

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Alkaline
Standard Power



PANASONIC'S **STANDARD POWER** BATTERY IS AN IDEAL POWER SOLUTION FOR COMMONLY USED DEVICES.

SPECIFICATIONS

MODEL N°	SIZE	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
LR03SPS	S-AAA	Alkaline	1,5	44,5	10,5	10,8
LR6SPS	M-AA	Alkaline	1,5	50,5	14,5	22,8
LR14SPS	L-C	Alkaline	1,5	50,0	25,7	66,6
LR20SPS	XL-D	Alkaline	1,5	61,5	33,6	136,5
6LR61SPS	9V	Alkaline	9	47,5	25,25 x 16,3	42,9

PRODUCT BENEFITS

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



S
LR03SPS



M
LR6SPS



L
LR14SPS



XL
LR20SPS



9V
6LR61SPS

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Alkaline
Standard Power



PACKAGING BENEFITS

- Convenience: easy to store, to open, to choose.
- Consumer guidance:
  - with clear product information
  - product icons of recommended appliances
  - medal system to clarify the hierachy of the sub-brands
- Eye catching design.
- Large range of multi packs available.
- Inner carton: 100% recycled carton.
- Blister card: 90% recycled materials.

- Ability to remove either 2 or 4 batteries for easy storage.
- Perforated strip for easy opening.



Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE	BUNDLES/ PALLET
LR03SPS	5410853040484	LR03SPS/2BP	2	12	5	164
	5410853039181	LR03SPS/4BP	4	12	5	164
LR6SPS	5410853040316	LR6SPS/2BP	2	12	5	114
	5410853039129	LR6SPS/4BP	4	12	5	114
LR14SPS	5410853039099	LR14SPS/2BP	2	12	5	75
LR20SPS	5410853039068	LR20SPS/2BP	2	12	5	40
6LR61SPS	5410853039150	6LR61SPS/1BP	1	12	5	84

- Ability to individually remove the batteries.
- Side opening.
- Easy to display: packed in shelf ready display boxes.



Box Pack

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE	CARTONS/ PALLET
LR03SPS	5410853040637	LR03SPS/12HH	12	20	-	240
LR6SPS	5410853040460	LR6SPS/12HH	12	20	-	112

- Ability to remove either 2,4 or 6 batteries for easy storage.



Fat Belly blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE	CARTONS/ PALLET
LR03SPS	5410853040538	LR03SPS/6BP	6	12	-	410
LR6SPS	5410853040361	LR6SPS/6BP	6	12	-	304

- High impact packaging with optimal product visibility.



Wide blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE	CARTONS/ PALLET
LR03SPS	5410853041894	LR03SPS/8BW	8	12	-	360
	5410853040613	LR03SPS/20BW	20	6	-	360
LR6SPS	5410853041887	LR6SPS/8BW	8	12	-	256
	5410853040446	LR6SPS/20BW	20	6	-	256

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Alkaline

Alkaline Power



PANASONIC'S **ALKALINE POWER** BATTERY IS A VALUE FOR MONEY POWER SOLUTION FOR THOSE EVERYDAY APPLIANCES REQUIRING MORE POWER.

SPECIFICATIONS

MODEL N°	SIZE	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
LR03APB	S-AAA	Alkaline	1,5	44,5	10,5	10,8
LR6APB	M-AA	Alkaline	1,5	50,5	14,5	22,8
LR14APB	L-C	Alkaline	1,5	50,0	25,7	66,6
LR20APB	XL-D	Alkaline	1,5	61,5	33,6	136,5
6LR61APB	9V	Alkaline	9	47,5	25,25 x 16,3	42,9

PRODUCT BENEFITS

- Entry level alkaline range from a trusted battery brand.
- Excellent price versus quality ratio.



S
LR03APB



M
LR6APB



L
LR14APB



XL
LR20APB



9V
6LR61APB

Downloaded from Arrow.com.

Alkaline

Alkaline Power



PACKAGING BENEFITS

- Convenience: easy to store, to open, to choose.
- Consumer guidance:
  - with clear product information
  - product icons of recommended appliances
- Inner carton: 100% recycled carton.
- Blister card: 90% recycled materials.

- Ability to remove either 2 or 4 batteries for easy storage.
- Perforated strip for easy opening.



Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ PACK	PACK/ CARTON	CARTONS/ BUNDLE	BUNDLES/ PALLET
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

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



Shrink

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ PACK	PACK/ CARTON	CARTONS/ BUNDLE	BUNDLES/ PALLET
LR03APB	5410853041269	LR03APB/4P	4	12	5	208
	5410853041290	LR03APB/8P	8	6	5	208
LR6APB	5410853041207	LR6APB/4P	4	12	5	144
	5410853041238	LR6APB/8P	8	6	5	144
LR14APB	5410853041320	LR14APB/4P	4	6	5	88
LR20APB	5410853041351	LR20APB/4P	4	6	5	48

- High impact packaging with optimal product visibility.



Wide blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ PACK	PACK/ CARTON	CARTONS/ BUNDLE	CARTONS/ PALLET
LR03APB	5410853042174	LR03APB/10BW	10	12	-	360
LR6APB	5410853042167	LR6APB/10BW	10	12	-	256
LR14APB	5410853042150	LR14APB/4BW	4	12	-	126
LR20APB	5410853042143	LR20APB/4BW	4	12	-	98

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Ni-MH Rechargeable EVOLTA

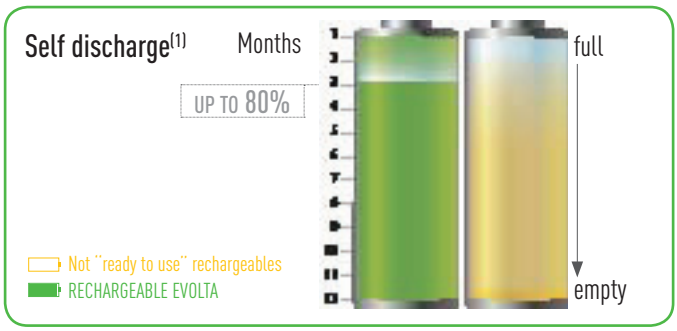


PANASONIC'S **RECHARGEABLE EVOLTA** RANGE ARE «READY TO USE» RECHARGEABLE BATTERIES THAT HAVE A SPECIAL FORMULA, MEANING THAT THE BATTERIES STAY CHARGED FOR MUCH LONGER WHEN NOT IN USE, JUST LIKE ALKALINE BATTERIES.

Main features of Rechargeable EVOLTA

1 365 days Ready

"Use them, Charge them, Store them, Use them". After 6 months to one year of storage, up to 80%[1] of the battery's power is still present.



2 Ready to Use

"Buy them, Open them, Use them immediately". Panasonic's new Rechargeable EVOLTA batteries leave the factory fully charged, so that they can be used immediately on purchase.

3 Battery for life[2]



Up to 1600 charging cycles, for many this could be a battery for life!

4 High reliability

Suitable for most appliances in all conditions: from -10°C up to 65°C.

Eco ideas

EVOLTA Rechargeable : more cycles + high capacity = higher energy efficiency = less product disposal

eco ideas

EXAMPLES: 1 TIME USE 'CAPACITY'

	Rechargeable EVOLTA	vs	Alkaline
Dig. camera	up to **200** pictures [3]		90 pics And throw away
Radio	up to **70** hours		90 hours And throw away

Efficient use of energy

From ecological point of view it makes sense to 'invest' in a good charger and rechargeable batteries because with a few sets the consumer basically never has to buy other batteries or throw used batteries away. This way consumer can use very efficiently the raw materials used for the production of the rechargeable batteries and the impact on the environment is reduced to a minimum.

EXAMPLES: LIFE TIME ESTIMATION CAPACITY

	Rechargeable EVOLTA	vs	Alkaline
Dig. camera	up to **256.000** pictures = 1 set rechargeable EVOLTA	=	2.844 alkalines
Radio	up to **89.600** hours = 1 set rechargeable EVOLTA	=	995 alkalines

As described in both examples, rechargeables can easily replace thousands of alkaline batteries, So using rechargeables can save tons of waste in primary batteries and contribute to the overall green attitude and ecological ideas of our society.

(1) Panasonic test summer 2006 – ambient temperature conditions
(2) 30% more cycle life vs previous Panasonic Infinium
(3) Average affectivity over estimated life cycle

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Ni-MH
Rechargeable EVOLTA

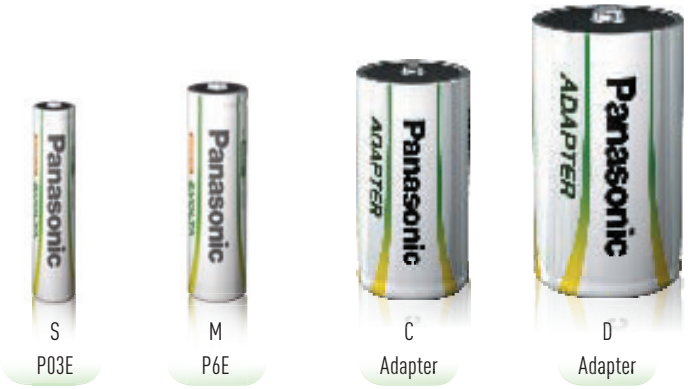


PRODUCT BENEFITS

- Up to **1600** cycles [1].
- 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.

SPECIFICATIONS

MODEL N°	SIZE	TECHNOLOGY	VOLTAGE (V)	CAPACITY [2] (mAh)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
P03E	AAA / S	Ni-MH	1,2	800	44,5	10,5	13
P6E	AA / M	Ni-MH	1,2	2050	50,5	14,5	29
P6E * C adapter	C / L	Ni-MH	1,2	2050	50,5	25,1	29
P6E * D adapter	D / XL	Ni-MH	1,2	2050	61,5	33,5	29



S
P03E

M
P6E

C
Adapter

D
Adapter



Adapter C



Insert AA battery in adapters



Adapter D



P6E (AA) size batteries can be inserted into C&D adapters for use in appliances that require C&D sizes.

Why use C&D adapters?

Adapters are plastic shapes which allows you to transform an AA size battery in a D or C size battery.

- Easy to use (click - most popular size - AA battery in the spacer)
- No more need for D or C size batteries
- No more need for big universal chargers
- Extra economical (use same AA size batteries for several appliances)

PACKAGING BENEFITS

- Convenience: easy to store and to choose.
- Consumer guidance
  - with clear product information
  - icons of recommended appliances
- Eye catching design.
- Clam blister: strong and qualitative packaging.

- High impact packaging with optimal product visibility.



Clam Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ CLAM BLISTER	CLAM BLISTERS/ CARTON	CARTONS/ BUNDLE
HHR-4MVE/2BC	5410853045267	P03P/2BC800	2	12	5
HHR-4MVE/4BC	5410853045274	P03P/4BC800	4	12	5
HHR-3MVE/2BC	5410853045243	P6E/2BC2050	2	12	5
HHR-3MVE/4BC	5410853045250	P6E/4BC2050	4	12	5
K-KJHM2/SC2	5410853045281	P6E/2BC2050*2SP-C	2	12	5
K-KJHM2/SD2	5410853045298	P6E/2BC2050*2SP-D	2	6	5

(1) Test conditions – Internal Panasonic testing 2010 (JIS/IEC)
(2) up to

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Ni-MH
Rechargeable Stay Charged



PANASONIC'S RECHARGEABLE **STAY CHARGED** BATTERIES ARE IDEAL FOR LOW DRAIN DEVICES

SPECIFICATIONS

MODEL N°	SIZE	TECHNOLOGY	VOLTAGE (V)	CAPACITY [2]	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
HHR-3LVE	AA / M	Ni-MH	1,2	1100	50,35	15,2	20,7

PRODUCT BENEFITS

- up to 1500 cycles [1].
- Excellent price versus quality ratio.



M
HHR-3LVE

PACKAGING BENEFITS

- Convenience: easy to store and to choose.
- Consumer guidance:
  - with clear product information
  - icons of recommended appliances
- Clam blister: strong and qualitative packaging.

- High impact packaging with optimal product visibility



Clam Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ CLAM BLISTER	CLAM BLISTERS/ CARTON	CARTONS/ BUNDLE
HHR-3LVE/4BC	5410853045304	P-6E/4BC1100	4	12	5

(1) Test conditions – Internal Panasonic testing 2010 (JIS/IEC)
(2) up to

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Ni-MH
Rechargeable Accu



PANASONIC'S **RECHARGEABLE ACCU** RANGE OFFERS HIGHER CAPACITIES TO SUIT THE SPECIFIC NEEDS OF THE CONSUMER.

SPECIFICATIONS

MODEL N°	SIZE	TECHNOLOGY	VOLTAGE (V)	CAPACITY (1) (mAh)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
P03P	AAA-S	Ni-MH	1,2	800	43,9	10,2	12,6
P6P up to 2600mAh	AA-M	Ni-MH	1,2	2600	50,35	14,2	29,2
P14P	C-L	Ni-MH	1,2	3000	49,8	25,6	69.4
P20P	D-XL	Ni-MH	1,2	3000	61,6	32,9	81,1
P22P	9V	Ni-MH	8,4	170	47,6	15,35x25,7	31,6

PRODUCT BENEFITS

- Specially designed for consumers with a focus on power.
- Provide an ideal power solution for frequently used high drain applications.



S
P03P



M
P6P up to 2600mAh



L
P14P



XL
P20P



9V
P22P

PACKAGING BENEFITS

- Convenience: easy to store and to choose.
- Consumer guidance with clear product information.
- Eye catching design.
- Clam blister: strong and qualitative packaging.

- Improved consumer friendly packaging design.



HHR-3XRE/4BC

Clam Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE
HHR-4XRE/2BC	5410853045335	P03P/2BC800	2	12	5
HHR-4XRE/4BC	5410853045342	P03P/4BC800	4	12	5
HHR-3XRE/2BC	5410853045311	P6P/2BC2600	2	12	5
HHR-3XRE/4BC	5410853045328	P6P/4BC2600	4	12	5
HHR-2SRE/2B	5410853034537	P14P/2BC	2	12	5
HHR-1SRE/2B	5410853034520	P20P/2BC	2	6	5
HHR-9SRE/1B	5410853034605	P22P/1BC	1	12	5

(1) Up to

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Chargers



PANASONIC'S CHARGER LINE-UP DESIGNED TO MEET THE CONSUMER'S NEEDS.

BQ-392 INTELLIGENT QUATTRO

Capabilities
- 1.5-5h
- AA+AAA Ni-MH
- 600-2700 mAh
- AA 1~4 batteries
- AAA 1~2 batteries

Charger summary
- Automatic switch-off when charged (Delta V)

Product benefits
- Safety: non rechargeable detection
- Safety: overheating detection
- Worldwide compatibility: 100-240V
- 4 independent LED charge-ready indicators
- For all Ni-MH batteries
- Easy battery removal



BQ-CC06 TIMER TWIN

Capabilities
- AA+AAA Ni-MH
- 800-2600 mAh
- AA 1~2 batteries
- AAA 1~2 batteries

Charger summary
- Safety Timer: max 24 hours (1)

Product benefits
- Safety: non rechargeable detection
- Worldwide compatibility: 100-240V
- LED Timer ready-indication
- For all Ni-MH batteries
- Safety Timer



BQ-550 UNIVERSAL CHARGER

Capabilities
- AAA/AA/ C/D/9V
- 2-4 batteries

Charger summary
- Safety Timer: max 6 hours (1)

Product benefits
- For Ni-Cd and Ni-MH rechargeable batteries
- AAA size up to 800 mAh (timer stop)
- AA size up to 2100 mAh (timer stop)
- D/C size up to 3000 mAh (timer stop)
- 9 Volt up to 170 mAh (manual stop)



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.

BQ-CC03 TIMER QUATTRO

Capabilities
- AA+AAA Ni-MH
- 600-2600 mAh
- AA 1~4 batteries
- AAA 1~2 batteries

Charger summary
- Safety Timer: max 10 hours (1)

Product benefits
- Safety: non rechargeable detection
- LED Timer-ready indication
- For all Ni-MH batteries
- Safety Timer
- Worldwide compatibility: 100-240V



BQ-CC07 TIMER QUATTRO

Capabilities
- AA + AAA Ni-MH
- 600 - 2600 mAh
- AA 1 ~ 4 batteries
- AAA 1 ~ 2 batteries

Charger summary
- Safety Timer: max 24 hours (1)

Product benefits
- Safety: non rechargeable detection
- LED Timer - ready indication
- For all Ni-MH batteries
- Safety Timer
- Worldwide compatibility: 100-240V



SPECIFICATIONS

MODEL N°	BATTERIES INCL (2)	SUITABLE FOR	MINIMUM CHARGING TIME FOR SUPPLIED BATTERIES	CHARGING TECHNOLOGY	OTHER SPECIFICATIONS
BQ-392E/1B	NO	AA/AAA	-	DeltaV + V/T	4 x LED
BQ-392E/1KA*4P6E2050	4xP6E2050	AA/AAA	+/- 4 hours	DeltaV + V/T	4 x LED
BQ-392E/1KA*4P6P2600	4xP6P2600	AA/AAA	+/- 5 hours	DeltaV + V/T	4 x LED
BQ-CC03E/1KA*4P6E2050	4xP6E2050	AA/AAA	+/- 8 hours	S.T.	100-240V
BQ-CC03E/1KA*2P6E2050*2P03E800	2xP6E2050 + 2xP03E800	AA/AAA	+/- 7-8 hours	S.T.	100-240V
BQ-CC06E/1KA*2P03E800	2xP03E800	AA/AAA	+/- 7 hours	S.T.	100-240V
BQ-CC06E/1KA*2P6E1100	2xP6E1100	AA/AAA	+/- 10 hours	S.T.	100-240V
BQ-CC07E/1KA*4P6E1100	4xP6E1100	AA/AAA	+/- 10 hours	S.T.	100-240V
BQ-CC07E/1KA*4P6E2050	4xP6E2050	AA/AAA	+/- 20 hours	S.T.	100-240V
BQ-CC07E/1KA*4P6E2050*2P03E800	4xP6E2050 + 2xP03E800	AA/AAA	+/- 10-20 hours	S.T.	100-240V
BQ-550E/1B	NO	AA/AAA/C/D/9V	3-6 hours	S,T, + T.C.	2 channel

(1) Safety timer cut-off prevents overcharging.
(2) *up to
S.T. = Safety timer V/T = Volt/Temperature T.C. = Temperature Control

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Chargers



PACKAGING BENEFITS

- Product is clearly visible.
- Attractive and qualitative packaging.



Clam blister

MODEL N°	CSU EAN	CHARGER SIZE (mm) (W x H x D))	BLISTER SIZE (mm) (W x H x D))	CARTON CSU
BQ-392E/1B	5025232585649	65 x 120 x 30	105 x 230 x 66	6
BQ-392E/1KA*4P6E2050	5025232585625	65 x 120 x 30	105 x 230 x 66	6
BQ-392E/1KA*4P6P2600	5025232585601	65 x 120 x 30	105 x 230 x 66	6
BQ-CC03E/1KA*4P6E2050	5025232542994	70 x 115 x 55	105 x 230 x 66	6
BQ-CC03E/1KA*2P6E2050*2P03E800	5025232632206	70 x 115 x 55	105 x 230 x 66	6
BQ-CC06E/1KA*2P03E800	5025232589883	52 x 120 x 65	105 x 230 x 66	6
BQ-CC06E/1KA*2P6E1100	5025232577361	52 x 120 x 65	105 x 230 x 66	6
BQ-CC07E/1KA*4P6E1100	5025232587834	70 x 115 x 55	105 x 230 x 66	6
BQ-CC07E/1KA*4P6E2050	5025232590025	70 x 115 x 55	105 x 230 x 66	6
BQ-CC07E/1KA*4P6E2050*2P03E800	5025232590032	70 x 115 x 55	105 x 230 x 66	6
BQ-550E/1B	5025232588213	200 x 110 x 55	130 x 265 x 75	6

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Photo Lithium

Lithium Power



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 BATTERIES.

SPECIFICATIONS

MODEL N°	CAPACITY (mAh)	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
CR2	850	Photo lithium	3	27	15,6	11,08
CR123	1400	Photo lithium	3	34,5	17,1	17
2CR5	1400	Photo lithium	6	45	17 x 34	38
CRP2	1400	Photo lithium	6	36	19,5 x 34	37
CRV3	3300	Photo lithium	3	52	14 X 28	39

PRODUCT BENEFITS

- Low internal resistance to provide rapid flash recovery time and quick shooting.
- High energy density: light weight battery supplying exceptional energy.
- Reliable even in a wide range of operating temperatures (-40°C to +70°C).
- A long shelf life of up to 10 years.
- For CRV3: - Suitable for many AA compatible digital still cameras [1].
  - Double capacity: offering longer lifetime [2].



CR2 | CR123 | 2CR5 | CRP2 | CRV3

- Perforated strip for easy opening.



Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ CARTON	CARTONS/ BUNDLE
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

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

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Zinc Air
Batteries for hearing aid



PANASONIC **ZINC AIR** BATTERIES HAVE BEEN DEVELOPED WITH THE CONSUMER'S NEEDS IN MIND.

SPECIFICATIONS

MODEL N°	CAPACITY (mAh)	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
PR230L (PR10/PR536)	75	Zinc air	1,4	3,6	5,8	0,28
PR13L (PR48)	300	Zinc air	1,4	5,4	7,9	0,8
PR312L (PR41)	170	Zinc air	1,4	3,6	7,9	0,49
PR675LH(PR44H)	605	Zinc air	1,4	5,4	11,6	1,76
PR675LP(PR44P)	450	Zinc air	1,4	5,4	11,6	1,6

PRODUCT BENEFITS

- Ideal for new generation digital hearing aids.
- Comfortable, light and providing a steady level of power for hearing enhancement equipment.
- Special technology (Teflon layer) to allow optimal airflow through the battery.
- Reliable power in various temperature conditions.


PR10L(230)


PR13L


PR312L


PR675LH


PR675LP

PACKAGING BENEFITS

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

- Compact sized blisters. Easy to stow away; fits in purse or wallet.
- Saves natural resources.



Blister

MODEL N°	EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/INNER CARTON	INNER CARTON/ OUTER CARTON
PR230L (PR10/PR536)	5410853023296	PR10L(230)/6LB	6	10	40
PR13L (PR48)	5410853023289	PR13L/6LB	6	10	40
PR312L (PR41)	5410853023302	PR312L/6LB	6	10	40
PR675LH (PR44H)	5410853023319	PR675LH/6LB	6	10	40
PR675LP (PR44P)	5410853042563	PR675LP/6LB	6	10	40

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Silver oxide
Cell Power



THE PANASONIC'S **CELL POWER** SILVER OXIDE BATTERIES ARE DESIGNED TO OFFER HIGH PERFORMANCE IN A WIDE VARIETY OF APPLIANCES.

SPECIFICATIONS

MODEL N°	CAPACITY (mAh)	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
SR516	12,5	Silver Oxide	1,55	1,65	5,80	0,18
SR521	17	Silver Oxide	1,55	2,15	5,80	0,24
SR616	16	Silver Oxide	1,55	1,65	6,80	0,25
SR621	23	Silver Oxide	1,55	2,15	6,80	0,31
SR626	28	Silver Oxide	1,55	2,60	6,80	0,39
SR721	25	Silver Oxide	1,55	2,10	7,90	0,41
SR726	33	Silver Oxide	1,55	2,60	7,90	0,54
SR920	45	Silver Oxide	1,55	2,05	9,50	0,60
SR927	55	Silver Oxide	1,55	2,70	9,50	0,80
SR936	70	Silver Oxide	1,55	3,60	9,50	1,07

PRODUCT BENEFITS

- High performance batteries for various types of watches and other small electronic products.
- Wide range available on blister.
- Extensive cross reference table on the blister.



- New space saving blister size still with maximum information on it.
- Saves natural resources.



Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/ INNER CARTON	INNER CARTONS/ OUTER CARTON
SR516	5410853035459	SR-516EL/1B	1	10	10
SR521	5410853035466	SR-521EL/1B	1	10	10
SR616	5410853035473	SR-616EL/1B	1	10	10
SR621	5410853035480	SR-621EL/1B	1	10	10
SR626	5410853035497	SR-626EL/1B	1	10	10
SR721	5410853035503	SR-721EL/1B	1	10	10
SR726	5410853035510	SR-726EL/1B	1	10	10
SR920	5410853035527	SR-920EL/1B	1	10	10
SR927	5410853035534	SR-927EL/1B	1	10	10
SR936	5410853035541	SR-936EL/1B	1	10	10

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Silver oxide
Cell Power



THE PANASONIC'S **CELL POWER** SILVER OXIDE BATTERIES ARE DESIGNED TO OFFER HIGH PERFORMANCE IN A WIDE VARIETY OF APPLIANCES.

SPECIFICATIONS

MODEL N°	CAPACITY (mAh)	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
SR1120	55	Silver Oxide	1,55	2,05	11,60	0,90
SR1130	82	Silver Oxide	1,55	3,10	11,60	1,50
SR41	45	Silver Oxide	1,55	3,60	7,90	0,70
SR43	120	Silver Oxide	1,55	4,20	11,60	1,80
SR44	180	Silver Oxide	1,55	5,40	11,60	2,40
4SR44	160	Silver Oxide	6,20	25,10	13,00	11,00

PRODUCT BENEFITS

- Wide range available on blister.
- Extensive cross reference table on the blister.
- Excellent price versus quality ratio.


SR1120


SR1130


SR41


SR43


SR44



4SR44

- New space saving blister size still with maximum information on it.
- Saves natural resources.



Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/INNER CARTON	INNER CARTON/ OUTER CARTON
SR1120	5410853035411	SR-1120EL/1B	1	10	10
SR1130	5410853035428	SR-1130EL/1B	1	10	10
SR41	5410853035435	SR-41EL/1B	1	10	10
SR43	5410853035442	SR-43EL/1B	1	10	10
SR44	5410853013976	SR-44EL/1B	1	10	10
4SR44	5410853013990	4SR44L/1BP	1	10	10

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Lithium coin

Lithium Power



THE PANASONIC'S **LITHIUM POWER** COINS HAVE BEEN DESIGNED TO PROVIDE RELIABLE AND LONG LASTING POWER.

SPECIFICATIONS

MODEL N°	CAPACITY (mAh)	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
CR1025	30	Lithium	3	2,50	10,00	0,7
CR1216	25	Lithium	3	1,60	12,50	0,7
CR1220	35	Lithium	3	2,00	12,50	0,9
CR1616	55	Lithium	3	1,60	16,00	1,2
CR1620	75	Lithium	3	2,00	16,00	1,3
CR1632	140	Lithium	3	3,2	16,00	1,8
CR2012	55	Lithium	3	1,2	20,00	1,4
CR2016	90	Lithium	3	1,60	20,00	1,7
CR2025	165	Lithium	3	2,50	20,00	2,6
CR2032	220	Lithium	3	3,20	20,00	3,1
CR2354	565	Lithium	3	5,4	23,00	5,8
CR2430	285	Lithium	3	3,00	24,50	3,9
CR2450	620	Lithium	3	5,00	24,50	6,3

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.



CR1025 CR1216 CR1220 CR1616



CR1632 CR2012 CR1620 CR2016 CR2025 CR2032 CR2354 CR2430 CR2450

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



- Saves natural resources.



- Individual perforations for each of the 6 batteries.



Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/INNER CARTON	INNER CARTON/ OUTER CARTON
CR1025	5410853010227	CR-1025L/1B	1	10	10
CR1216	5410853010210	CR-1216L/1B	1	10	10
CR1220	5019068085091	CR-1220L/1B	1	10	10
CR1616	5019068085107	CR-1616L/1B	1	10	10
CR1620	5025232068258	CR-1620L/1B	1	10	10
CR1632	5410853038320	CR-1632EL/1B	1	10	10
CR2012	5410853038450	CR-2012EL/1B	1	10	10
CR2016	5019068085114	CR-2016L/1B	1	10	10
	5025232060665	CR-2016L/2B	2	10	10
	5410853043812	CR-2016L/6B	6	20	5
CR2025	5019068085121	CR-2025L/1B	1	10	10
	5025232060672	CR-2025L/2B	2	10	10
	5410853043829	CR-2025L/6B	6	20	5
CR2032	5019068085138	CR-2032L/1B	1	10	10
	5025232060689	CR-2032L/2B	2	10	10
	5410853043836	CR-2032L/6B	6	20	5
CR2354	5410853038481	CR-2354EL/1B	1	10	10
CR2430	5410853012313	CR-2430L/1B	1	10	10
CR2450	5410853014355	CR-2450L/1B	1	10	10

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Micro alkaline
Cell Power



THE PANASONIC'S **CELL POWER** MICRO ALKALINE COINS HAVE BEEN DESIGNED TO PROVIDE RELIABLE AND LONG LASTING POWER.

SPECIFICATIONS

MODEL N°	CAPACITY (mAh)	TECHNOLOGY	VOLTAGE (V)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
LR44	120	Alkaline	1,5	5,10	11,50	1,95
LR1130	65	Alkaline	1,5	3,00	11,60	1,27
4LR44	120	Alkaline	6,0	25,10	12,80	10,05
LR43	100	Alkaline	1,5	4,12	11,60	1,50
LRV08	38	Alkaline	12,0	28,00	10,00	7,50
LR1	900	Alkaline	1,5	30,20	12,00	9,20

PRODUCT BENEFITS

- Excellent price versus quality ratio.
- Extensive cross reference table on the blister.



LR44 | LR1130 | 4LR44 | LR43 | LRV08 | LR1

- New space saving blister size still with maximum information on it.
- Saves natural resources.



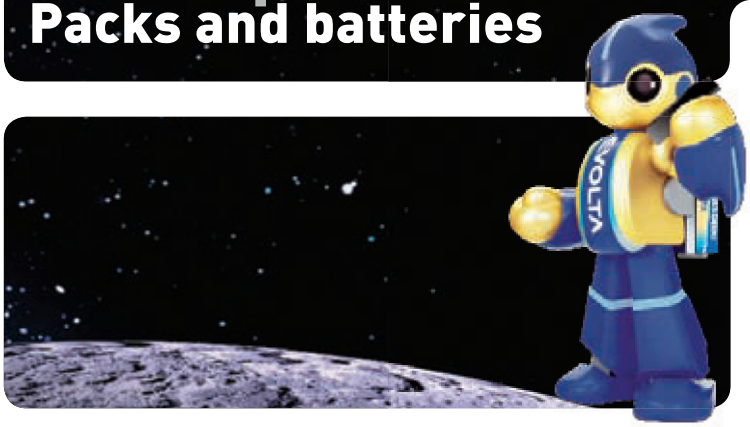


Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/INNER CARTON	INNER CARTON/ OUTER CARTON
LR44	5019068083035	LR-44L/1B	1	10	10
	5410853018469	LR-44L/2B	2	10	10
LR1130	5019068083011	LR-1130L/1B	1	10	10
4LR44	5019068083042	4LR-44L/B	1	10	10
LR43	5019068083028	LR-43L/1B	1	10	10
LRV08	5019068592568	LRV08L/1BE	1	10	10
LR1	5019068592551	LR1L/1BE	1	10	100

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Telephone
Packs and batteries



PANASONIC OFFERS A WIDE RANGE OF COMPLEMENTARY BATTERIES, WHICH PROVIDES OPTIMUM ENERGY FOR CORDLESS DIGITAL PHONES.

SPECIFICATIONS | PACKS

MODEL N°	CAPACITY (mAh)	TECHNOLOGY	VOLTAGE (V)
HHR-P301	350	Ni-MH	3,6
HHR-P302	350	Ni-MH	3,6
HHR-P303	350	Ni-MH	3,6
HHR-P305	350	Ni-MH	2,4
HHR-P501	700	Ni-MH	3,6
HHR-P101	550	Ni-MH	3,6
HHR-P103	700	Ni-MH	3,6

PRODUCT BENEFITS

FOR THE PACKS
- Panasonic genuine telephone battery.
- Excellent quality.
- Stable power supply.



HHR-P301/1B

Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/INNER CARTON	INNER CARTON/ OUTER CARTON
HHR-P301	5025232375165	HHR-P301E/1B	1	12	12
HHR-P302	5025232375172	HHR-P302E/1B	1	12	12
HHR-P303	5025232375189	HHR-P303E/1B	1	12	12
HHR-P305	5025232375196	HHR-P305E/1B	1	12	12
HHR-P501	5025232375202	HHR-P501E/1B	1	12	12
HHR-P101	5025232111299	HHR-P101E/1B	1	10	6
HHR-P103	5025232326846	HHR-P103E/1B	1	12	12

SPECIFICATIONS | DECT BATTERIES

MODEL N°	SIZE	TECHNOLOGY	VOLTAGE (V)	CAPACITY	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (g)
HHR-4MVE	AAA-S	Ni-MH	1,2	800	43,9	10,2	12,6
HHR-3LVE	AA-M	Ni-MH	1,2	1100	50,35	14,2	18,5

PRODUCT BENEFITS

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



HHR-4MVE/2BD



HHR-4MVE/3BD



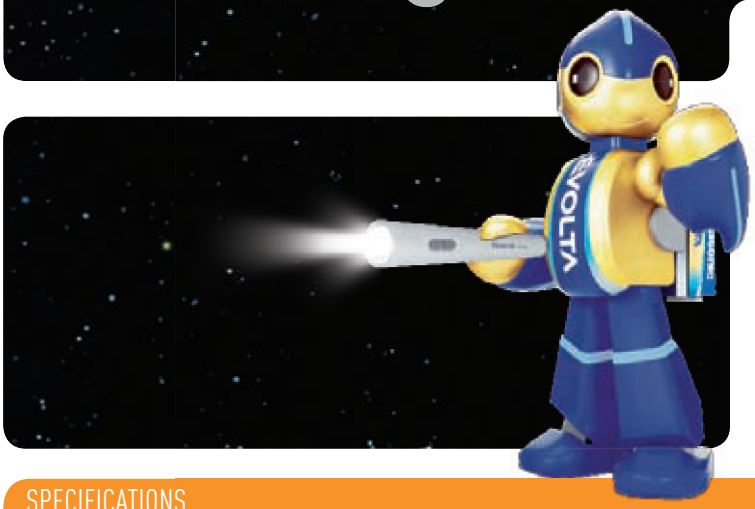
HHR-3LVE/2BC

Blister

MODEL N°	CSU EAN	RE-ORDER N°	BATTERIES/ BLISTER	BLISTERS/INNER CARTON	INNER CARTON/ OUTER CARTON
HHR-4MVE/2BD	5410853045359	P03P/2BP800mAh DECT	2	12	5
HHR-4MVE/3BD	5410853045366	P03P/3BP800mAh DECT	3	12	-
HHR-3LVE/2BC	5410853042419	P6E/2BC1100mAh DECT	2	12	5

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Ultra light bulbs



THESE ULTRA LIGHT BULBS ARE COMPATIBLE WITH MOST OF THE PANASONIC TORCH RANGES.

PRODUCT BENEFITS

- Conveniently packed in quantities of 2 for long term use.

SPECIFICATIONS

MODEL N°	SHAPE	BASE TYPE	CORRESPONDING TORCH N°	DIMENSIONS (mm)	WEIGHT (g)	GAS	AMPERAGE (A)	VOLTAGE (V)
MB-24L7KE	Optical	Stick	BF-109/BF-110/BF-237/BF-327/BF-244	11,5D x 29,5H	2,2	krypton	0,70	2,4
MB-25L5KE	Optical	Stick	BF-103/BF-303/BF-243/BF-310	11,5D x 29,5H	2,2	krypton	0,50	2,5
MB-25G3E	G(Screw)	Screw	BF-187	11,5D x 23H	1,63	vacuum bulb	0,30	2,5
MB-36L75KE	Optical	Stick	BF-245	11,5D x 29,5H	2,2	krypton	0,75	3,6
MB-48L7XE	Optical	Stick	BF-775/BF-793	11,5D x 29,5H	2,2	xenon	0,70	4,8
MB-48L5KE	Optical	Stick	BF-131	11,5D x 29,5H	2,2	krypton	0,50	4,8



MB-24L7KE

Blister

MODEL N°	CSU EAN	RE-ORDER N°	BULBS/ BLISTER	BLISTERS/INNER CARTON	INNER CARTONS/ OUTER CARTON
MB-24L7KE	5025232514533	MB-24L7KE/2B	2	12	10
MB-25L5KE	5025232514540	MB-25L5KE/2B	2	12	10
MB-25G3E	5025232514557	MB-25G3E/2B	2	12	10
MB-36L75KE	5025232514571	MB-36L75KE/2B	2	12	10
MB-48L7XE	5025232514588	MB-48L7XE/2B	2	12	10
MB-48L5KE	5025232514595	MB-48L5KE/2B	2	12	10

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Torches
Indoor Range



EVERYTHING FOR USE IN- AND AROUND HOME IN A SINGLE RANGE.

PRODUCT BENEFITS

- Best quality plastic torches.
- Extra bright & easy to use.

SPECIFICATIONS

MODEL N°	COLOUR	TYPE	DIMENSIONS (mm)	WEIGHT (g)	BATTERIES	BULB	POWER	VOLTAGE (V)	BRIGHTNESS (LUX) [1]
BF-310	Navy blue	Barrel	157H x 37D	53,6	2 x AA	Krypton	0,5 Ampère	2,4	500
BF-110	Navy blue	Barrel	195H x 68D	134,6	2 x D	Krypton	0,7 Ampère	2,4	2500
BF-BG01	Black	Barrel	205H x 42D	63	3 x AA (incl)	LED	-	-	220
BF-BL01	Black	Flat	98H x 48L x 17W	80	3 x AAA (incl)	LED	-	-	150

- Extra bright powerful 'optical' krypton bulb.
- Spiral reflector for even light distribution.
- Shock and weather proof.
- Easy-to-use switch and non-slip grip.



BF-310



BF-110

- Stylish bright LED with long battery life (up to 70 hours with **EVOLTA** AA batteries).
- User & ecological friendly, low battery consumption.
- Convenient hanging ring.



BF-BG01

- Stylish bright pocket LED with long battery life (up to 33 hours with **EVOLTA** AAA batteries).
- User & ecological friendly, low battery consumption.
- Convenient hanging ring.
- Morse button.



BF-BL01

Packaging

MODEL N°	CSU EAN	RE-ORDER N°	TORCHES/ BLISTER	BLISTERS/ CARTON
BF-310	5025232440245	BF-310B-A	1	12
BF-110	5025232440191	BF-110B-A	1	12
BF-BG01	5025232583188	BF-BG01B/KBE	1	10
BF-BL01	5025232616510	BF-BL01BKE	1	12

Pictures are not in proportion.
(1) Internal Panasonic testing, 2010 (ANSI/NEMA FL1).

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Torches
Outdoor Range



COMPLETE RANGE FOR OUTDOOR ACTIVITIES. THESE TORCHES HAVE A UNIQUE PANASONIC DESIGN FOR EASY, TROUBLE-FREE USE.

SPECIFICATIONS

MODEL N°	COLOUR	TYPE	DIMENSIONS (mm)	WEIGHT	BATTERIES (NOT INCL)	BULB	AMPERAGE (A)	VOLTAGE (V)	BRIGHTNESS (LUX) [1]
BF-243	Black	Barrel	170H x 43D	141,92	2 x AA	Krypton	0,5	2,4	1400
BF-244	Black	Barrel	226H x 72D	416	2 x D	Krypton	0,83	2,4	2500
BF-245	Black	Barrel	279H x 72D	486,31	3 x D	Krypton	0,75	3,6	7000
BF-797	Blue	Handheld	212H x 121W x 120D	276,65	4 x D	Krypton (optical)	0,55	4,8	4000



BF-243



BF-244



ROLLSTOP

BF-245

- Krypton bulb that gives clearer, more intense light.
- Convenient anti-slip hand grip.
- Shock proof and water resistant.



BF-797

- Big reflector.
- Solid torch.
- Very bright light (4000 lux).
- Optical bulb.

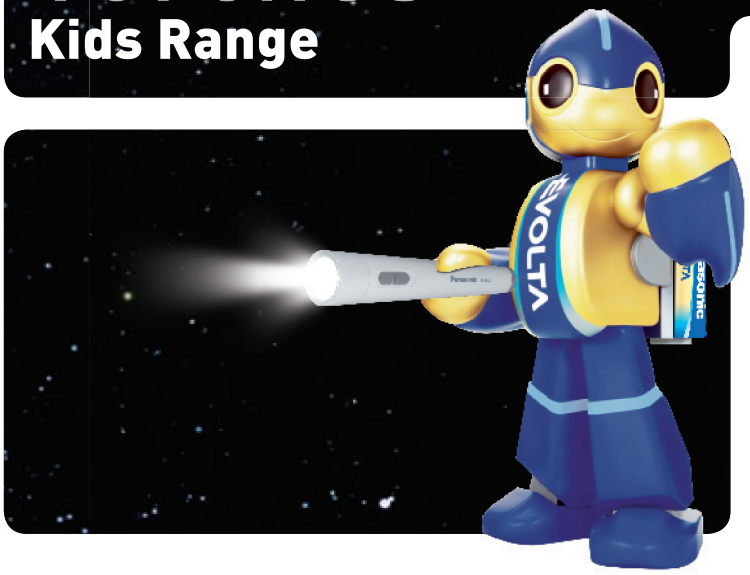
Packaging

MODEL N°	CSU EAN	RE-ORDER N°	TORCHES/ BLISTER	BLISTERS/ CARTON	BLISTERS/ OUTER CARTON
BF-243	5410853022411	BF-243PE/B	1	4	4x15=60
BF-244	5410853022428	BF-244PE/B	1	4	4x6=24
BF-245	5410853022435	BF-245PE/B	1	4	4x6=24
BF-797	5025232450367	BF-797MKE	1	6	-

Pictures are not in proportion.
(1) Internal Panasonic testing, 2010 (ANSI/NEMA FL1).

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Torches
Kids Range



THIS RANGE OFFERS THE LED BENEFITS AND THE ADDED VALUE OF THE PANASONIC LENS TECHNOLOGY IN AN ATTRACTIVE KIDS DESIGN.

PRODUCT BENEFITS

- Stylish bright LED with long battery life (up to 70 hours with Evolta AA batteries).
- User & ecological friendly, low battery consumption.
- Convenient hanging ring.

SPECIFICATIONS

MODEL N°	COLOUR	TYPE	DIMENSIONS (mm)	WEIGHT	BATTERIES (NOT INCL)	BULB OR LED	MAX DURABILITY (HOURS)[1]
BF-BG01	White / pink	Barrel	205H x 42D	63	3 x AA	LED	60



BF-BG01

Packaging

MODEL N°	EAN CSU	RE-ORDER N°	TORCHES/ BLISTER	BLISTERS/ INNER CARTON	INNER CARTONS/ OUTER CARTON
BF-BG01 white			1	10	-
BF-BG01 pink			1	10	-

(1) Internal Panasonic testing, 2010 (ANSI/NEMA FL1).

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Torches
Specialty Range



STRONG QUALITY TORCHES, USABLE IN MANY WAYS FOR VARIOUS CONDITIONS.

SPECIFICATIONS

MODEL N°	COLOUR	TYPE	DIMENSIONS (mm)	WEIGHT (g)	BATTERIES (NOT INCL)	BULB	MAX DURABILITY (HOURS)	AMPERAGE (A)	VOLTAGE (V)	BRIGHTNESS (LUX)[1]
BF-262	Black/grey	Head Lamp	60H x 75W x 63D	89,12	3 x AAA	Miniature	150	0,18	3,6	Bulb 400 + LED 150
BF-131	Red	Camping	175Hx128Wx108D	300,41	4 x D	Krypton		0,75	4,8	2000
BF-237	Transparant blue	Barrel	200H x 71D	140,75	2 x D	Krypton		0,7	2,4	1500

- Combination LED and miniature bulb for extra versatility:
  - Miniature bulb with fully focusing beam for long distance use.
  - Extra long life technology – up to 150 hours light[1].
  - Added option of 1 or 3 LED use for ambient light.
- Durable rubber construction.
- Multifunctional head lamp and stand alone torch
- Premium quality finish:
  - Weather resistant.
  - Sweat absorbing/quick drying elastic head band.
  - Safety switch to prevent unnecessary battery use.



BF-262

- Waterproof down to 10 metres.
- Roll stop safety feature.
- Bright krypton bulb with focused beam.
- Convenient carrying strap.
- Turning switch for easy underwater operation.



FOCUS REFLECTOR

BF-237

- Polyvalent torch.
- Adjustable beam.
- Hanging or standing feature.
- All weather resistant.
- Bright krypton bulb.



BF-131

Packaging

MODEL N°	EAN CSU	RE-ORDER N°	TORCHES/ BLISTER	BLISTERS/ CARTON	BLISTERS/ OUTER CARTON
BF-262	5025232438235	BF-262PE/B	1	5	5x6=30
BF-131	5025232372041	BF-131PE/B	1	12	-
BF-237	5025232440238	BF-237B-A	1	24	-

(1) Internal Panasonic testing, 2010 (ANSI/NEMA FL1).

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Displays

Carton Promotional



PANASONIC'S CARTON DISPLAYS ARE DESIGNED TO OFFER BENEFITS TO BOTH CONSUMERS AND TRADE.
THE DISPLAYS CONTAIN SRP-UNITS (SHELF READY PACKAGINGS).

Counter display



SRP Unit

PRODUCT BENEFITS SRP-UNIT

- Convenience & time-saving: an SRP-unit is a handy carton box pre-filled with battery blisters. It is ready to put on the shelves, directly after unpacking.
- High impact branding: in an SRP-unit, blisters can stand up straight due to a solid plastic tray. This makes the blisters clearly visible to the shopper. Furthermore each SRP-unit is branded.
- High flexibility: different types & sizes of blisters can fit in an SRP-unit.

Floor displays



Flodis 8S



Flodis 12S / 18S



Flodis 36S

PRODUCT BENEFITS DISPLAYS

- Limited time to set up & re-fill
- Flodis18S and flodis 36S are SRP pre-filled
- Excellent overall quality & stability
- Modern design
- High impact branding on topcard & side panels

DISPLAYS [1]	DIMENSIONS [3]							FEATURES			LOGISTICS
	HEIGHT (cm)	WIDTH (cm)	DEPTH (cm)	TOP CARD		N° BLISTERS AA (4BP) /DISPLAY	HOOK LENGTH (cm)	N° HOOKS	N° ROWS	NET WEIGHT (kg)/ DISPLAY	N° REF/CARTON
				Inclusive	Dimensions (cm)						
COUNTER DISPLAY											
SRP - Unit	13	18	19	Yes	15 (H) x 17 (W)	24	-	-	-	-	1
FLOOR DISPLAY											
Flodis with hooks Battery Shape	170	40	57	No	-	648	20 cm	54	20	8,5	1
Flodis 8S	100	50	40	Yes	33 (H) x 37,5 (W)	192	-	-	-	5,04	1
Flodis 12S	112	60	40	Yes	33 (H) x 37,5 (W)	288	-	-	-	13,4	1
Flodis 18S	112	60	40	Yes	33 (H) x 37,5 (W)	432	-	-	-	13,4	1
Flodis 36S	112	69	61	Yes	45,5 (H) x 101,8 (W)	864	-	-	-	17,8	1

These display types can be different from country to country, please contact your local representative/dealer.
Pictures are not in proportion

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Displays

Metal Permanent[1]

PRODUCT BENEFITS

- Attractive design, in line with Panasonic's carton displays
- Maximised brand visibility
- Standard displays including baskets for torches, chargers or shrink packs
- Displays for different channels: solutions for checkouts, secondary placements, big volumes & high premium displays.
- Quick mounting
- Excellent quality

PANASONIC'S PERMANENT METAL DISPLAY RANGE IS DESIGNED TO OFFER BENEFITS TO BOTH CONSUMERS AND THE TRADE.

POPAI
THE GLOBAL ASSOCIATION FOR MARKETING AT RETAIL

EXCELLENT REALIZATION
POPAI CENTRAL EUROPE
POP AWARDS 2010



Counter 6H



Counter 6H AT[4]



Counter 6H Flex



Counter 9H



Counter 12H

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



Metal strip 5H



Metal strip 10H



Side hanger 18H

DISPLAYS		DIMENSIONS[3]				FEATURES		LOGISTICS				
	EAN	HEIGHT (cm)	WIDTH (cm)	DEPTH (cm)	HOOK LENGTH	N° HOOKS	N° ROWS	NET WEIGHT (kg)	GROSS WEIGHT (kg)	N° REF/ CARTON	CARTONS/ PALLET	OUTER CARTON DIMENSIONS (cm) (W X H X D)
COUNTER DISPLAY												
Counter 6H	5410853043287	61,4	23,0	20,0	18,0	6	3	2,4	3.6	1	50	24 x 62 x 24
Counter 6H AT[4]	5410853043294	61,4	23,0	20,0	18,0	6	3	2,4	3.6	1	50	24 x 62 x 24
Counter 6H Flex	5410853043300	61,4	23,0	20,0	18,0	6	3	2,9	4.1	1	50	24 x 62 x 24
Counter 9H	5410853043539	61,4	32,5	20,0	18,0	9	3	2,8	4.0	1	25	35 x 80 x 24
Counter 12H	5410853043546	77,9	32,5	20,0	18,0	12	4	3,7	4.9	1	30	35 x 65 x 24
METAL CLIP STRIPS												
Metal Strip 5H	5410853043324	80,0	15,0	12,0	12,0	5	5	0,5	0.7	1	50	17 x 80 x 13
Metal Strip 10H	5410853043317	78,0	15,0	0,1	1,2	10	10	0,3	0.5	1	1000	plastic foil
SIDE HANGERS												
Side hanger 18H	5410853043331	171,0	29,0	25,0	23,0	18	9	8,9	10.9	1	10	27 x 180 x 24

(1) Pictures are not in proportion -Displays delivered empty – Above display decoration is only an example.
(2) Flexible display contains single hooks to be clipped anywhere on the back plate.
(3) All dimensions are of mounted displays (top card incl.)
(4) AT = Anti Theft

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Displays

Metal Permanent[1]



Floor 18H combi



Floor 20H



Floor 20H flexible



Floor 28H



Floor 28H flexible



Floor 30H



Floor 40H



Floor 50H



Floor 50H flexible



Floor 80H

- All metal displays are delivered with pre-mounted bars of hooks
- All floor displays are delivered empty in one carton with standard Panasonic top card and 2 brand side panels

DISPLAYS		DIMENSIONS [3]				FEATURES		LOGISTICS				
	EAN	HEIGHT (cm)	WIDTH (cm)	DEPTH (cm)	HOOK LENGTH	N° HOOKS	N° ROWS	NET WEIGHT (kg)	GROSS WEIGHT (kg)	N° REF/ CARTON	CARTONS/ PALLET	OUTER CARTON DIMENSIONS (cm) (W X H X D)
FLOOR DISPLAY (brand side panels incl.)												
Floor 18H combi	5410853043393	180,0	53,0	40,0	30,0	18	5	21,6	23,8	1	10	58x118x19
Floor 20H	5410853043348	146,0	53,0	40,0	30,0	20	5	21,0	23,2	1	10	58x118x19
Floor 20H flexible	5410853043362	146,0	53,0	40,0	27,0	20	5	19,5	21,7	1	10	58x118x19
Floor 28H	5410853043379	180,0	53,0	40,0	30,0	28	7	27,0	29,2	1	10	58x118x19
Floor 28H flexible	5410853043386	180,0	53,0	40,0	30,0	28	7	24,8	27,0	1	10	58x118x19
Floor 30H	5410853043409	230,0	43,5	40,0	30,0	30	10	26,7	29,7	1	10	58x118x19
Floor 40H	5410853043416	230,0	53,0	40,0	30,0	40	10	30,1	33,1	1	10	58x118x19
Floor 50H	5410853043423	230,0	62,5	40,0	30,0	50	10	33,1	36,1	1	5	68x118x25
Floor 50H flexible	5410853043430	230,0	62,5	40,0	30,0	50	10	37,0	40,0	1	5	68x118x25
Floor 80H	5410853043447	230,0	91,0	40,0	30,0	80	10	44,4	47,4	1	5	78x118x40

(1) Pictures are not in proportion -Displays delivered empty – Above display decoration is only an example.
(2) Flexible display contains single hooks to be clipped anywhere on the back plate.
(3) All dimensions are of mounted displays (top card incl.)

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Displays

Metal Permanent(1)



Counter 6H battery shaped



Counter rotating 24H



Floor 2x32H battery shape



Floor round rummage display



Floor basket display



Low 20H display



Floor display for boxes



Low island display

DISPLAYS		DIMENSIONS (3)				FEATURES		LOGISTICS				
	EAN	HEIGHT (cm)	WIDTH (cm)	DEPTH (cm)	HOOK LENGTH	N° HOOKS	N° ROWS	NET WEIGHT (kg)	GROSS WEIGHT (kg)	N° REF/ CARTON	CARTONS/ PALLET	OUTER CARTON DIMENSIONS (cm) (W X H X D)
CHANNEL ORIENTED DISPLAYS												
Counter 6H Battery Shaped	5410853043485	56,0	28,0	23,0	18,0	6	3	8,0	9.0	1	12	29 x 58 x 24
Counter rotating 24H	5410853043508	60	80,0	80,0	18,0	24	3	8,8	9,8	1	12	36x60x36
Floor 2x32H battery shape	5410853043454	167,2	40,2	57,1	23,0	64	16	40,0	41,0	1	2	plastic foil + ripple carton
Floor round rummage display	5410853043461	193,5	54,0	54,0	0,0	0	0	12,0	13,0	1	1	plastic foil + ripple carton
Floor basket display	5410853043478	180,0	50,8	80,0	27,0	24	4	30,0	31,0	1	10	85x80x15
Low 20H display	5410853043492	85,0	25,0	57,5	21,0	20	4	15,0	16,0	1	8	58x86x26
Floor display for boxes	5410853043515	196,2	40,0	80,0	0,0	0	0	36,0	37,0	1	3	plastic foil + ripple carton
Low island display	5410853043522	150,0	77,3	117,2	18,0	120	24	100,0	102,0	1	1	plastic foil + ripple carton

1) Pictures are not in proportion -Displays delivered empty – Above display decoration is only an example.
(2) Flexible display contains single hooks to be clipped anywhere on the back plate.
(3) All dimensions are of mounted displays (top card incl.)

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Cross references
table

Alkaline
Evolta / Pro Power / Standard Power / Alkaline Power

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

Zinc Carbon
Red Zinc

PANASONIC	DURACELL	ENERGIZER	VARTA	PHILIPS	KODAK	MAXELL	RAYOVAC	RENATA	MEMOREX	SONY	OTHERS	IEC
R03RZ	-	A91	-	R03	K3A	R03P(AB)	3AAA	-	R03	R03	-	R03
R6RZ	-	A92	-	R6	KAA	R6P	5AA	-	R6	SUM3	-	R6
R14RZ	-	A93	-	R14	KC	R14P	4C	-	R14	SUM2	-	R14
R20RZ	-	A95	-	R20	KD	R20P	6D	-	R20	SUM1	-	R20
6F22RZ	-	A522	-	6F22	K9V	-	D1604	-	6F22	S006	-	6F22

Photo lithium batteries
Lithium Power

PANASONIC	DURACELL	ENERGIZER	VARTA	PHILIPS	KODAK	MAXELL	RAYOVAC	RENATA	MEMOREX	SONY	OTHERS	IEC
CR2	DL CR2	CR2	CR2	CR2	KCR2	CR2	CR2	-	-	CR2	-	CR17355
CR123	DL 123A	EL CR123AP	CR123A	CR123A	K123LA	CR123A	CR123R	-	-	CR123A	-	CR17345
2CR5	DL 245	EL 2CR5	2CR5	2CR5	KL2CR5	2CR5	2CR5R	-	-	2CR5	-	2CR5
CRP2	DL 223A	EL 223AP	CRP2P	CRP2P	KCRP2A	CRP2P	CRP2R	-	-	CRP2S	-	CRP2
CRV3	DL CRV3	EL CRV3	CRV3	-	CRV3	CRV3	CRV3	-	-	CRV3	-	-

Rechargeable batteries
Recharge-Accu / Rechargeable Evolta

PANASONIC	DURACELL	ENERGIZER	VARTA	PHILIPS	KODAK	MAXELL	RAYOVAC	RENATA	MEMOREX	SONY	OTHERS	IEC
P03P/P03I	HR03	RX03	5003	NCR03P	-	-	-	-	HR03	-	-	-
P6P/P6I	HR6	RX6	5006	NCR6P	-	-	-	-	HR6	-	-	-
P14P	HR14	RC14S	5014	NCR14P	-	-	-	-	HR14	-	-	-
P20P	HR20	RC20S	5020	NCR20P	-	-	-	-	HR20	-	-	-
P22P	HR22	-	-	6NCR22P	-	-	-	-	9V	-	-	-

Zinc air batteries
Hearing aid batteries

PANASONIC	DURACELL	ENERGIZER	VARTA	PHILIPS	KODAK	MAXELL	RAYOVAC	RENATA	MEMOREX	SONY	OTHERS	IEC
Panasonic	Duracell	Energizer	Varta	Philips	Kodak	Maxell	Rayovac	Renata	Memorex	Sony	Others	IEC
PR10L(230)	DA230	230AP	V230A	-	-	-	10AE	ZA10	-	-	-	PR70
PR13L	DA13	13AP	V13A	-	-	EP13E	13AE	ZA13	-	-	-	PR48
PR312L	DA312	312AP	V312A	-	-	EP312E	312AE	ZA312	-	-	-	PR41
PR675LH	DA675	675AP	V675A	-	-	EP675E	675AE	ZA675	-	-	-	PR44
PR675LP	-	EP675E	-	-	-	675AP	-	-	-	-	-	-

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Cross references
table

Micro alkaline coin batteries
Cell Power

PANASONIC	DURACELL	ENERGIZER	VARTA	PHILIPS	KODAK	MAXELL	RAYOVAC	RENATA	MEMOREX	SONY	OTHERS	IEC
LR44	LR44	A76	V13GA	A76	KA76	LR44	RW82	-	-	-	-	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	LR1	LR01 (810)	-	-	AM5	-	LR1

Lithium coin batteries
Lithium Power

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

Silver oxide batteries
Cell Power

PANASONIC	DURACELL	ENERGIZER	VARTA	PHILIPS	KODAK	MAXELL	RAYOVAC	RENATA	MEMOREX	SONY	OTHERS	IEC
SR516	D317	317	V317	-	-	SR516SW	317 (RW326)	317,53	-	SR516SW	SR516SW	-
SR521	D379	379	V379	379	-	SR521SW	379 (RW327)	379,5	-	SR521SW	SR521SW	SR63
SR616	D321	321	V321	-	-	SR616SW	321 (RW321)	321,38	-	SR616SW	SR616SW	SR65
SR621	D364	364	V364	364	-	SR621SW	364 (RW320)	364,31	-	SR621SW	SR621SW	SR60
SR626	D377	377	V377	377	-	SR626SW	377 (RW329)	377,37	-	SR626SW	SR626SW	SR66
	D376	376	V376	376	-	SR626W	-	376,43	-	SR626W	SR626W	-
SR721	D362	362	V362	362	-	SR721SW	362 (RW310)	362,19	-	SR721SW	SR721SW	SR58
	D361	361	V361	361	-	SR721W	361 (RW410)	361,46	-	SR721W	SR721W	-
SR726	D397	397	V397	-	-	SR726SW	397 (RW311)	397,26	-	SR726SW	SR726SW	SR59
SR920	D371	371	V371	371	-	SR920SW	371 (RW315)	371,30	-	SR920SW	SR920SW	SR69
	D370	370	V370	370	-	SR920W	370 (RW415)	370,36	-	SR920W	SR920W	-
SR927	D395	395	V395	395	-	SR927SW	395 (RW313)	395,30	-	SR927SW	SR927SW	SR57
	D399	399	V399	399	-	SR927W	399 (RW413)	399,35	-	SR927W	SR927W	-
SR936	D394	394	V394	394	-	SR936SW	394 (RW33)	394,27	-	SR936SW	SR936SW	SR45
SR1120	D391	391	V391	-	-	SR1120SW	391 (RW40)	391,23	-	SR1120SW	SR1120SW	SR55
	D381	381	V381	-	-	SR1120W	381 (RW30)	381,43	-	SR1120W	SR1120W	-
SR1130	D390	390	V390	390	-	SR1130SW	390 (RW39)	390,11	-	SR1130SW	SR1130SW	SR54
	D389	389	V389	389	-	SR1130W	389 (RW49)	389,17	-	SR1130W	SR1130W	-
SR41	D384	384	V384	-	-	SR41SW	384 (RW37)	384,10	-	SR41SW	SR41SW	SR41
	D392	392	V392	-	-	SR41W	392 (RW47)	392,20	-	SR41W	SR41W	-
SR43	D301	301	V301	301	-	SR43SW	301 (RW34)	301,1	-	SR43SW	SR43SW	SR43
	D386	386	V386	386	-	SR43W	386 (RW44)	386,6	-	SR43W	SR43W	-
SR44	D357	EPX76	V76PX	357	KS76	SR44	357	357	-	SR44	-	SR44
4SR44	PX28	544	V28PX	544	KS28	-	RPX28	-	-	-	-	4SR44

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