



FUJI BATTERIES

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FDK CORPORATION

HAMAGOMU BLDG. 5-36-11,
SHINBASHI, MINATO-KU, TOKYO
105-8677, JAPAN



0K1001T Printed in JAPAN Subject to change without notice.

FUJI BATTERIES



It's your Planet to SAVE!!

FUJI Batteries has Green Power.

FUJI Batteries delivers High Performance.

Earth Friendly — No mercury, and Cadmium added
Uses Recycled materials and PET whenever possible.

Long Lasting — Made with Japanese technology.

High Reliability — High leak-age performance.

Uses PET material - Polyethylene terephthalate

SUPER ALKALINE

Suitable for All devices



DIGITAL ALKALINE

Suitable for high drain devices



FUJI Batteries recommends... BUY GREEN STAY GREEN

- Protect our Environment with a Earth Friendly Product.
- Manufactured in ISO 14001 certified Earth Friendly manufacturing facility, with zero percent ozone depleting compounds.
- Use recycled materials whenever possible.
- Use vendors that respect the Earth as much as we do.
- Consider the Future and our Children in all our manufacturing decisions.
- FUJI Batteries Loves nature for the future of the Earth.



Environmental activity

We strongly pursue the following;

Reduction of business-Related Greenhouse Gas emissions, waste reduction measures (Zero waste emission) and more.

FUJI Batteries have no Mercury and cadmium added, uses recycled materials and PET plastics whenever possible.



RECOMMENDED BATTERIES

The better the battery performs the safer it is for the environment.

Recommended Batteries	Digital Still Camera	Photo Flash	Alarm Box	CD Player	MP3 Player	PDA	Handheld Game	Handheld TV	Palmtop Computer	Cellular Phone	Toolbox	Shaver	Toy Car	Remote Control	Clock	Smoke Alarm	Radio	Flashlight	Toys	LED Light
DIGITAL ALKALINE FUJI	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
SUPER ALKALINE FUJI	✓	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
HEAVY DUTY	×	×	✓	✓	×	×	×	×	×	×	×	×	×	★	★	★	✓	★	✓	×

★ : Best for ✓ : Good for × : Not recommended



SUPER ALKALINE



AA 2 PK



AA 4 PK



AA 8 PK



AA 12 PK



9V 1 PK



9V 2 PK



9V 6 PK(MP)



AA 48 PK(MP)



AAA 48 PK(MP)



AAA 2 PK



AAA 4 PK



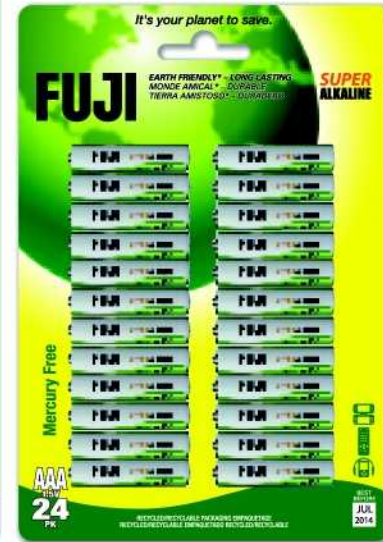
AAA 8 PK



AAA 12 PK



AA 24 PK



AAA 24 PK



AA 15 PK



AAA 15 PK



D 2 PK



D 4 PK



D 12 PK(MP)



C 2 PK



C 4 PK



C 12 PK(MP)

Product Code	Type	Size	Voltage (V)	Dimensions (MAX) (mm)		Packaging	Packing		Weight (LBS)	Dimensions (MAX) (inch) W x H x D	Cu.Ft. (cft)	UPC code	UPC case
				Height	Diameter		Inner Box (Packs)	Master Case (Packs)					
7100	LR20/AM1	D	1.5	61.5	34.2	2 pcs in a Blister	12	48	31.5	8.1 x 9.8 x 13.1	0.598	0 74129 71002 7	30 074129 71002 8
						4 pcs in a Clamshell	12	24	33.1	17.8 x 13.0 x 7.9	0.937	0 74129 71604 3	30 074129 71604 4
						12 pcs in a Box	1	12	30.9	11.4 x 3.9 x 12.8	0.329	0 74129 71012 6	30 074129 71012 7
7200	LR14/AM2	C	1.5	50.0	26.2	2 pcs in a Blister	12	48	16.5	8.1 x 6.8 x 12.0	0.379	0 74129 72002 6	30 074129 72002 7
						4 pcs in a Clamshell	12	24	17.6	15.9 x 11.8 x 5.8	0.630	0 74129 72604 2	30 074129 72604 3
						12 pcs in a Box	1	12	15.4	9.1 x 10.3 x 5.5	0.298	0 74129 72012 5	30 074129 72012 6
7300	LR6/AM3	AA	1.5	50.5	14.5	2 pcs in a Blister	12	48	5.3	11.5 x 8.6 x 4.8	0.275	0 74129 73002 6	30 074129 73002 7
						4 pcs in a Blister	12	48	10.8	11.5 x 8.6 x 4.8	0.275	0 74129 73004 9	30 074129 73004 0
						8 pcs in a Blister	12	48	21.1	15.8 x 7.9 x 6.5	0.468	0 74129 73008 7	30 074129 73008 8
						12 pcs in a Blister	12	48	33.9	26.0 x 6.4 x 8.8	0.848	0 74129 73012 4	30 074129 73012 5
						15 pcs in a Blister	8	32	31.1	11.2 x 18.2 x 12.9	1.520	0 74129 73123 7	30 074129 73123 8
7400	LR03/AM4	AAA	1.5	44.5	10.5	24 pcs in a Blister	6	24	30.2	12.9 x 9.9 x 10.1	0.744	0 74129 73624 9	30 074129 73624 0
						48 pcs in a Box	1	12	31.7	15.9 x 15.5 x 2.5	0.352	0 74129 73048 3	30 074129 73048 4
						2 pcs in a Blister	12	48	3.3	10.9 x 6.5 x 4.7	0.193	0 74129 74102 1	30 074129 74102 2
						4 pcs in a Blister	12	48	5.5	10.9 x 6.5 x 4.7	0.193	0 74129 74104 5	30 074129 74104 6
						8 pcs in a Blister	12	48	11.0	15.8 x 6.1 x 6.3	0.353	0 74129 74008 6	30 074129 74008 7
7600	6LF22	9V	9.0	48.5	(Length)26.5 (Width)17.5	1 pc in a Blister	12	48	6.6	11.4 x 4.7 x 10.4	0.326	0 74129 76001 5	30 074129 76001 6
						2 pcs in a Blister	12	48	13.2	11.4 x 4.7 x 10.4	0.326	0 74129 76002 2	30 074129 76002 3
						6 pcs in a Box	12	48	30.9	12.2 x 10.1 x 5.4	0.385	0 74129 76006 0	30 074129 76006 1



DIGITAL ALKALINE



D 2 PK

C 2 PK

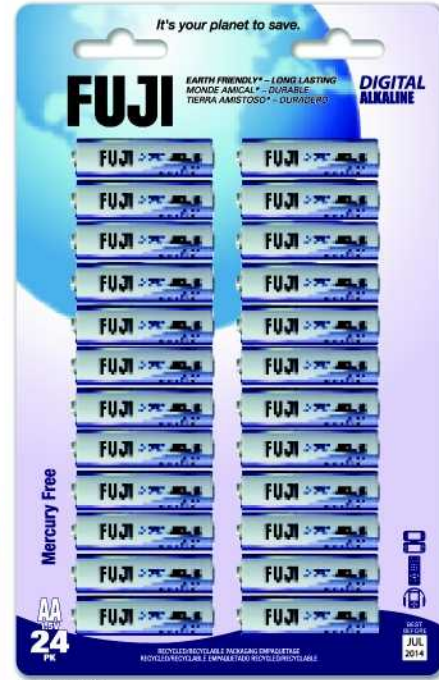


AA 4 PK

AAA 4 PK



9V 1 PK



AAA 24 PK



AAA 24 PK

DISPLAYS



PDQ DISPLAY



FD-3



FD-8



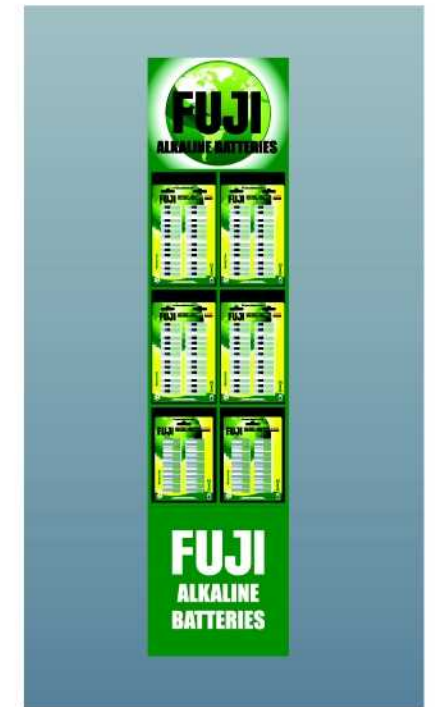
SIDE PANEL



FD-12



FD-96



FD-24

Product Code	Type	Size	Voltage (V)	Dimensions (MAX) (mm)		Packaging	Packing				UPC code	UPC case	
				Height	Diameter		Inner Box (Packs)	Master Case (Packs)	Weight (LBS)	Dimensions (MAX) (inch) W x H x D			Cu.Ft. (cft)
UD-D	LR20/AM1	D	1.5	61.5	34.2	2 pcs in a Blister	12	48	31.5	8.1 x 9.8 x 13.1	0.598	0 74129 50103 8	30 074129 50103 9
UD-C	LR14/AM2	C	1.5	50.0	26.2	2 pcs in a Blister	12	48	16.5	8.1 x 6.8 x 12.0	0.379	0 74129 50104 5	30 074129 50104 6
UD-AA	LR6/AM3	AA	1.5	50.5	14.5	4 pcs in a Blister	12	48	10.8	11.5 x 8.6 x 4.8	0.275	0 74129 50105 2	30 074129 50105 3
						24 pcs in a Blister	6	24	30.2	12.9 x 9.9 x 10.1	0.744	0 74129 50124 3	30 074129 50124 4
UD-AAA	LR03/AM4	AAA	1.5	44.5	10.5	4 pcs in a Blister	12	48	5.5	10.9 x 6.5 x 4.7	0.193	0 74129 50106 9	30 074129 50106 0
						24 pcs in a Blister	6	24	18.1	12.0 x 8.7 x 8.8	0.527	0 74129 50125 0	30 074129 50125 1
UD-9V	6LF22	9V	9.0	48.5	(Length)26.5 (Width)17.5	1 pc in a Blister	12	48	6.6	11.4 x 4.7 x 10.4	0.326	0 74129 50107 6	30 074129 50107 7

Item	Dimensions(MAX) (Inch)			HOLDS(PK)	Weight (LBS)	Cu.Ft. (cft)	UPC code	UPC case
	Wide	Height	Diameter					
FD-3 WIRE COUNTER DISPLAY	20	16	14	AA-4 x 24; AAA-4 x 12; C-2 x 12; D-2 x 12; 9V-1 x 12	23	2.593	0 74129 00103 3	30 074129 00103 4
FD-8 CLIP STRIP	24	14 1/2	6	AA-4 x 48; AAA-4 x 24; C-2 x 24; D-2 x 24; 9V-1 x 24	42	1.208	0 74129 00108 8	30 074129 00108 9
SIDE PANEL	16 1/2	34 1/2	7 1/2	AA-4 x 60; AAA-4 x 24; C-2 x 24; D-2 x 12; 9V-1 x 12	33	2.457	0 74129 00111 8	30 074129 00111 9
FD-12 PRE-PACKED	17	35	7	AA-4 x 56; AAA-4 x 36; C-2 x 12; D-2 x 18; 9V-1 x 18	47	2.390	0 74129 00112 5	30 074129 00112 6
FD-24 PRE-PACKED	30	14 1/2	8	AA-24 x 28; AAA-24 x 12	50	2.102	0 74129 08006 9	30 074129 08006 0
FD-96 PRE-PACKED	17	35	7	AA-4 x 60; AAA-4 x 36	22	2.390	0 74129 00121 7	30 074129 00121 8
PDQ 7100BP2	12.0	10.7	6.02	D-2 x 3 in a PDQ tray x 6	12.34	0.446	0 74129 71002 7	32 074129 71002 6
PDQ 7200BP2	12.0	10.7	6.02	C-2 x 4 in a PDQ tray x 6	8.81	0.446	0 74129 72002 6	32 074129 72002 5
PDQ 7300BP4	12.0	10.7	6.02	AA-4 x 7 in a PDQ tray x 6	11.02	0.446	0 74129 73004 9	32 074129 73004 8
PDQ 7400BP4	12.0	10.7	6.02	AAA-4 x 9 in a PDQ tray x 6	6.61	0.446	0 74129 74104 5	32 074129 74104 4
PDQ 7600BP1	12.0	10.7	6.02	9V-1 x 6 in a PDQ tray x 6	4.96	0.446	0 74129 76001 5	32 074129 76001 4

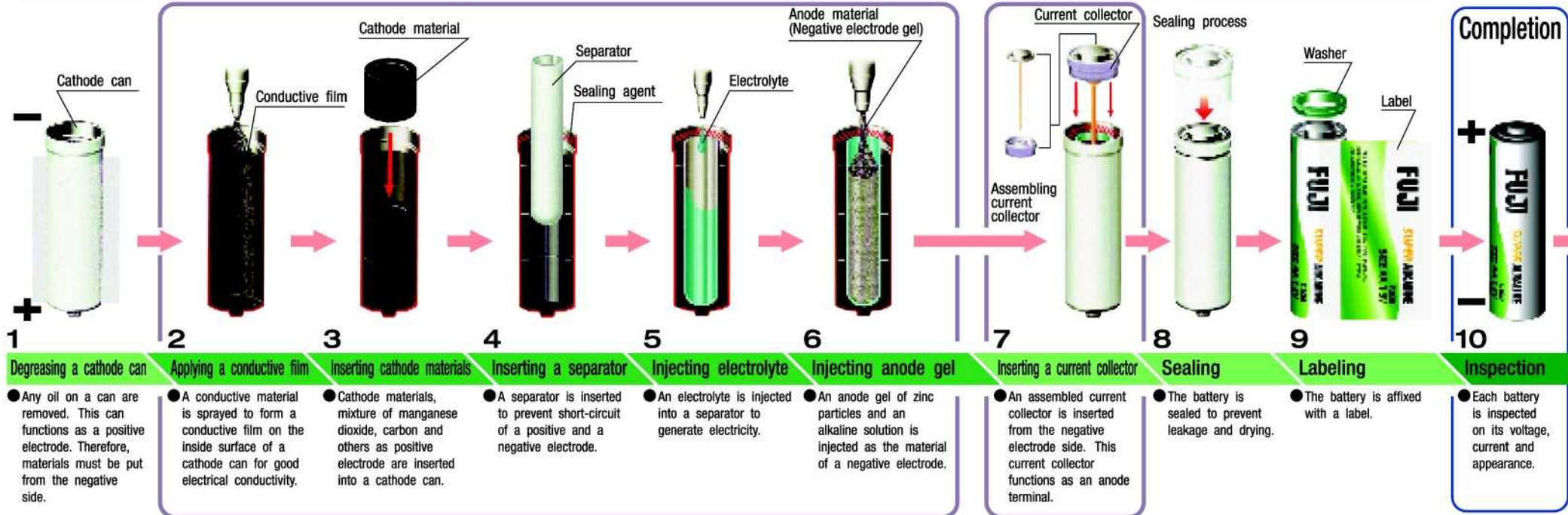
All displays can be custom designed.

Manufacturing process of FUJI BATTERIES

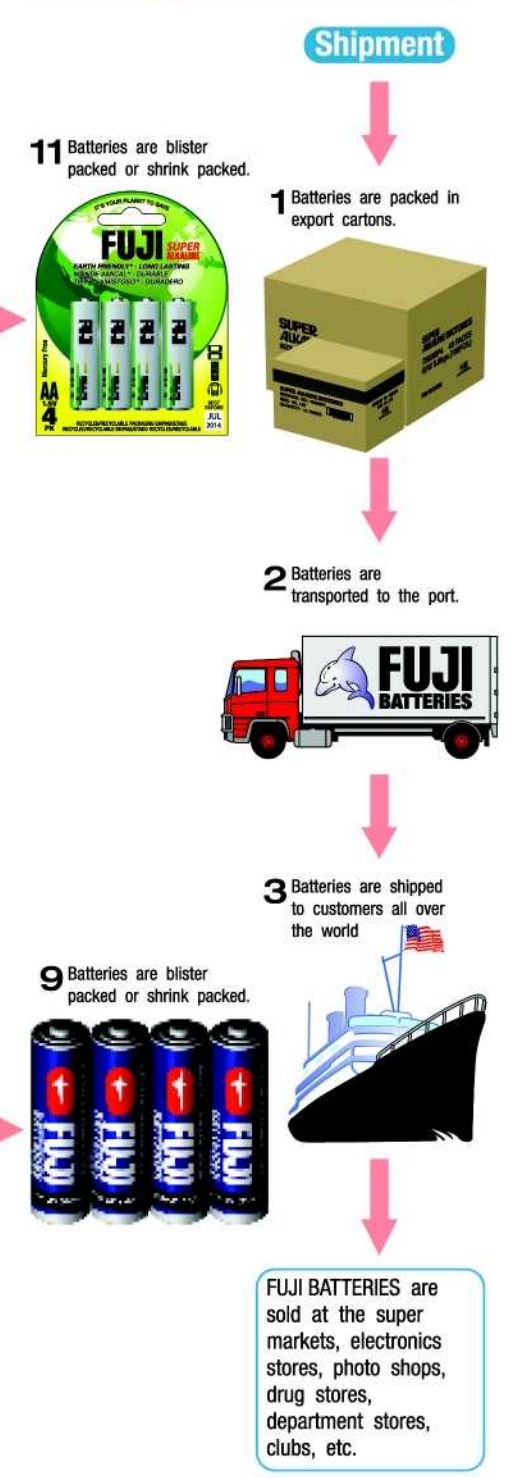
Alkaline Battery..... The Alkaline battery is called an Alkaline - Manganese Dry Battery. It looks about the same as the conventional carbon-zinc battery in shape and profile but its performance is vastly different; it can deliver high - level of power (up to seven times or more as large as that of the manganese battery) for many hours of continuous use with a small voltage drop.

Carbon-Zinc Battery... Made with manganese dioxide and zinc as prime materials, the carbon-zinc battery is one of the most widely used batteries. When voltage drop begins after hours of use, you can continue using the battery at a satisfactory level of performance by letting it operate and rest at intervals. This battery is suitable for use in a powerful light, flash light, calculator, etc.

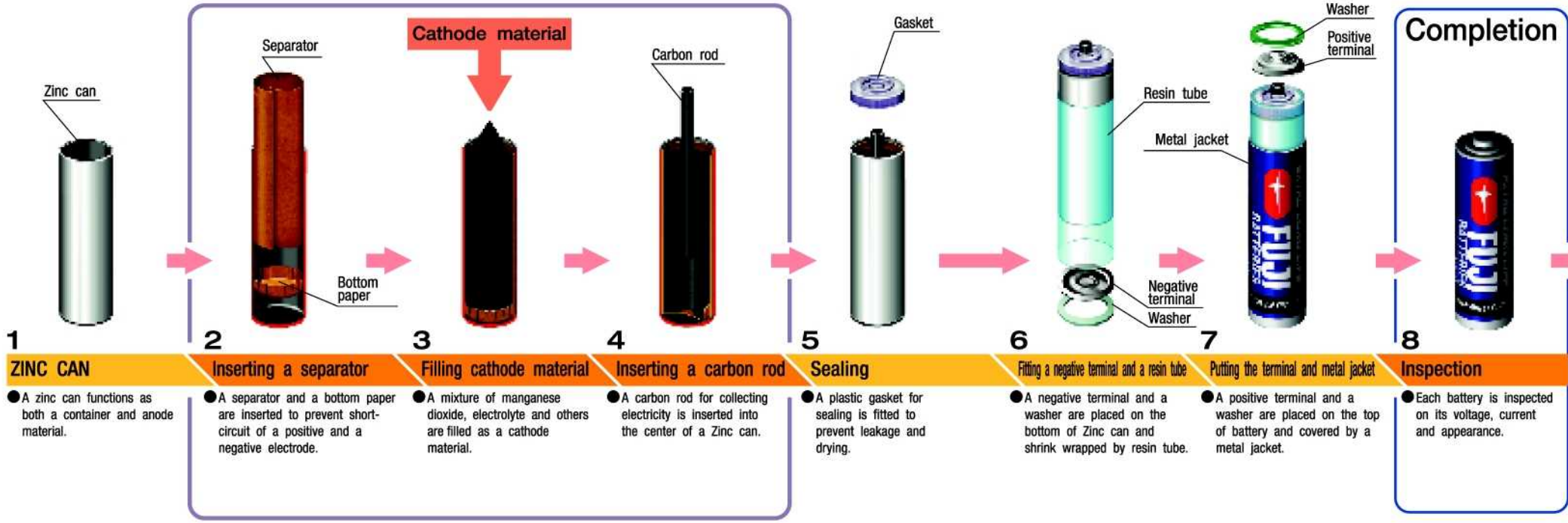
●FUJI Alkaline battery



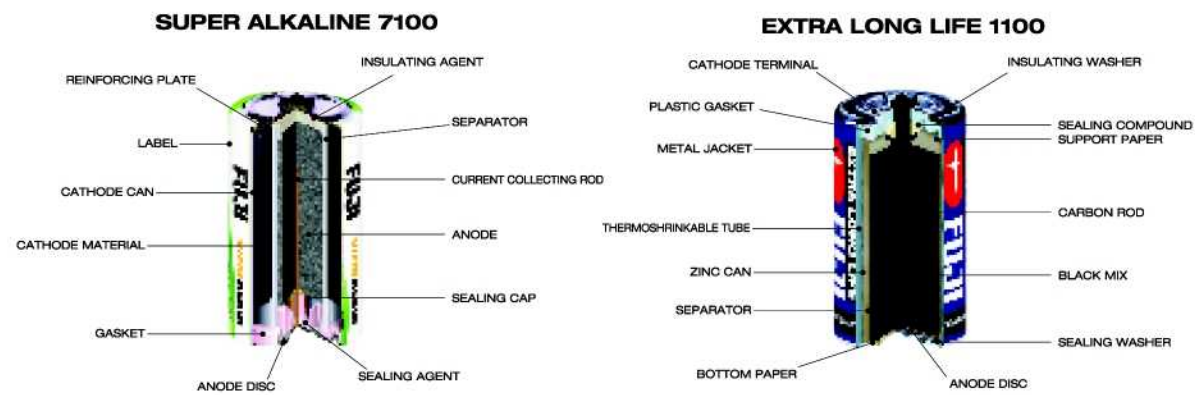
●Shipment



●FUJI Carbon-Zinc Battery



BATTERY STRUCTURE



CROSS REFERENCE GUIDE

PRODUCT CODE	TYPE	SIZE	ANSI/NEDA	IEC NO.	VOLTAGE (V)	CHEMICAL SYSTEM	DIMENSIONS(MAX)(mm)		DURACELL	EVEREADY	RAY-O-VAC	PANASONIC
							HEIGHT	DIAMETER				
SUPER ALKALINE BATTERIES												
7100	LR20/AM1	D	13A	LR20	1.5	Alk.	61.5	34.2	MN1300	E95	813	AM1
7200	LR14/AM2	C	14A	LR14	1.5	Alk.	50.0	26.2	MN1400	E93	814	AM2
7300	LR6/AM3	AA	15A	LR6	1.5	Alk.	50.5	14.5	MN1500	E91	815	AM3
7400	LR03/AM4	AAA	23A	LR03	1.5	Alk.	44.5	10.5	MN2400	E92	824	AM4
7500	LR1/AM5	N	910A	LR1	1.5	Alk.	30.2	12.0	MN9100	E90	810	AM5
7600	6LR61(6LF22)	9V	1604A	6LR61	9.0	Alk.	48.5	(L)26.5 (W)17.5	MN1604	S22	A1604	6AM6
DIGITAL ALKALINE BATTERIES												
UD-D	LR20/AM1	D	13A	LR20	1.5	Alk.	61.5	34.2	MN1300	E95	813	AM1
UD-C	LR14/AM2	C	14A	LR14	1.5	Alk.	50.0	26.2	MN1400	E93	814	AM2
UD-AA	LR6/AM3	AA	15A	LR6	1.5	Alk.	50.5	14.5	MN1500	E91	815	AM3
UD-AAA	LR03/AM4	AAA	23A	LR03	1.5	Alk.	44.5	10.5	MN2400	E92	824	AM4
UD-N	LR1/AM5	N	910A	LR1	1.5	Alk.	30.2	12.0	MN9100	E90	810	AM5
UD-9V	6LR61(6LF22)	9V	1604A	6LR61	9.0	Alk.	48.5	(L)26.5 (W)17.5	MN1604	S22	A1604	6AM6
LITHIUM PHOTO BATTERIES												
CR2	CR2	-	1166A	CR15H270	3.0	Li.	27	15.6	DLCR2	EL1CR2	-	CR2
CR-P2	CR-P2	-	5024LC	-	6.0	Li.	36	(L)35 (W)19.5	DL223A	EL223AP	-	CR-P2
2CR5	2CR5	-	5032LC	-	6.0	Li.	45	(L)34 (W)17	DL245	EL2CR5	-	2CR5M
CR123A	CR123A	-	5018LC	-	3.0	Li.	34.5	17.1	DL123A	EL123A	-	CR123A
LITHIUM COIN CELLS												
CR2016	CR2016	-	5000LC	CR2016	3.0	Li.	1.60	20.0	DL2016	E-CR2016	-	CR2016
CR2025	CR2025	-	5003LC	CR2025	3.0	Li.	2.5	20.0	DL2025	E-CR2025	CR2025	CR2025
CR2032	CR2032	-	5004LC	CR2032	3.0	Li.	3.20	20.0	DL2032	E-CR2032	CR2032	CR2032
CR2430	CR2430	-	5011L	CR2430	3.0	Li.	3.00	24.5	DL2430	E-CR2430	CR2430	CR2430
BUTTON CELLS												
LR44	LR44	-	1166A	LR44	1.5	Alk.	5.4	11.6	PX76A	A76	-	LR44
EXTRA LONG LIFE												
1100	R20/UM-1	D	13F	R20	1.5	C-Z	61.5	34.2	M13F	950	2D	UM-1
1200	R14/UM2	C	14F	R14	1.5	C-Z	50.0	26.2	M14F	935	1C	UM-2
1300	R6/UM3	AA	15F	R6	1.5	C-Z	50.5	14.5	M15F	1015	7AA	UM-3
1600	6F22/006P	9V	1604	6F22	9.0	C-Z	48.5	(L)26.5 (W)17.5	M1604	216	1604	006P
4FZ	4R25	Lantern	915	4R25	6.0	C-Z	111.0	(L)66.0 (W)66.0	M915	510S	942	-
NICKEL METAL HYDRIDE												
2100mAh	HR-3UA	AA	1.2H2	HR03	1.2	Ni-MH	50.5	14.5		NH12	NM724	
700mAh	HR-4UZ	AAA	1.2H1	HR6	1.2	Ni-MH	44.5	10.5		NH15	NM715	

Alk.-Alkaline Li.-Lithium C-Z-Carbon-Zinc

COMPANY SUMMARY

Company name : FDK CORPORATION

Trade mark : FDK

Founded : 1950

Capital : ¥28,301 million

Annual sales : ¥78,400 million

Employees : 922(total 9,555 for the FDK group)

Main products : Batteries, Electronic material, Electronics-Applied Components, Optical devise

Product features : High quality and high reliability ensured by integrated production, from materials to end products

**All figures listed above are non-consolidated.*

Overview

One of the largest alkaline battery companies in the world.

-Multi-billion dollar organization founded in 1950 with over 900 people today.

-Award winning "Research and Development" facility.

-Manufactures of both branded and private label, high quality batteries world-wide since 1950.

-Leading developer of technological improvements in electronic parts and batteries.

*Developed Alkaline battery technology in 1968.

*Developed Reverse Current Prevention Design in response to Product Liability Law.

*Developed Metal Foil Jacket to maximize performance and reduce leakage.

-Currently supplying several of the top leading battery manufactures with new "high Tech" batteries.

Quality and Performance Highlights

-ISO 9001 is the highest quality assurance certificate available for an organization's manufacturing Facility.

The ISO 9001 certification includes the manufacturing process and product testing at FUJI(FDK)

-Durable sealing agent to prevent leakage enables a 7years shelf life.

-Product exceeds all ANSI requirements - the recognized standard for the Industry.

-Product withstands a wide range of temperatures; thus suitable for all weather conditions.

Environmental Awareness

-ISO 14001 / JSQ14001 is awarded by The Japan Audit and Certification Organization for Environment and Quality (JACO)

certifying that all standards of the Environmental Management System introduce been met.

-FUJI Batteries were one of the first ones to introduce NO Mercury and Cadmium Added battery.

-Recycled paper or Plastics used.

-Product meets all safety standards.