

# Primary Batteries



## Cylindrical Type - Ultra Alkaline

Model No*	Dimension ( mm. )		Voltage ( V )	Cross Reference			
	Diameter	Height		IEC	JIS	Eveready	Other
13AU	34.2	61.5	1.5	LR20	LR20	E95	D
14AU	26.2	50.0	1.5	LR14	LR14	E39	C
15AU	14.5	50.5	1.5	LR6	LR6	E91	AA
24AU	10.5	44.5	1.5	LR03	LR03	E92	AAA
908AU	66.0(L)x 66.0(W)x 111.0(H)		6.0	4LR25	4LR25X	-	-
1604AU	25.5(L)x 16.5(W)x 47.5(H)		9.0	6LF22	6LF22	522	-

## Cylindrical Type - Super Alkaline

Model No*	Dimension ( mm. )		Voltage ( V )	Cross Reference			
	Diameter	Height		IEC	JIS	Eveready	Other
13A	34.2	61.5	1.5	LR20	LR20	E95	D
14A	26.2	50.0	1.5	LR14	LR14	E93	C
15A	14.5	50.5	1.5	LR6	LR6	E91	AA
24A	10.5	44.5	1.5	LR03	LR03	E92	AAA
25A	8.3	42.5	1.5	LR8D425	-	E96	AAAA
312A	62.0(L)x 22.0(W)x 67.0(H)		4.5	3LR12	-	-	-
908A	66.0(L)x 66.0(W)x 111.0(H)		6.0	4LR25	4LR25	528	-
910A	12.0	30.2	1.5	LR1	LR1	-	N
1604A	25.5(L)x 16.5(W)x 47.5(H)		9.0	6LF22	6LF22	522	-
1412AP	35.5(L)x 92(W)x 48.4(H)		6.0	-	-	539	J

## Cylindrical Type - Greencell Extra Heavy Duty

Model No*	Dimension ( mm. )		Voltage ( V )	Cross Reference			
	Diameter	Height		IEC	JIS	Eveready	Other
13G	34.2	61.5	1.5	R20P	R20P	1250	D
14G	26.2	50.0	1.5	R14P	R14P	1235	C
15G	13.9	50.5	1.5	R6	R6P	1215	AA
24G	10.5	44.5	1.5	R03	R03	1212	AAA
312G	62.0(L)x 22.0(W)x 67.0(H)		4.5	3R12	-	-	-
908G	66.0(L)x 66.0(W)x 111.0(H)		6.0	4R25	4F	1209	-
918G	134.0(L)x 70.0(W)x 127.0(H)		6.0	4R25-2	4R25-2	981/1213	-
1604G	26.5(L)x 17.5(W)x 48.5(H)		9.0	6F22	6F22	1222	-

## Button Type - Alkaline

● Major Application  
Calculators, electronic toys, photos, remote controls and watches.

Model No*	Dimension ( mm. )		Voltage ( V )	Nominal Capacity ( mAh )	Cross Reference				
	Diameter	Height			IEC	JIS	Eveready	Varta	Duracell
164	6.8	2.15	1.5	8	LR621	-	-	-	LR620
A76	11.6	5.4	1.5	110	LR44	LR44	A76	V13GA	LR44
A76P	11.6	5.4	1.5	140	LR44	LR44	A76	V13GA	-
186	11.6	4.2	1.5	70	LR1142	LR43	186	V12GA	LR43
489	11.6	3.05	1.5	44	LR54	LR54	189	V10GA	LR54
191	11.6	2.05	1.5	24	LR1120	LR1120	191	V8GA	-
192	7.9	3.6	1.5	24	LR41	LR41	192	V3GA	-
PX625A	15.6	5.95	1.5	190	LR9	LR9	-	V625U	PX625A

## Cylindrical Type - High Voltage Alkaline

● Major Application  
Electronic toys, electronic instruments, lighters, photos and remote controls.

Model No*	Dimension ( mm. )		Voltage ( V )	Nominal Capacity ( mAh )	Cross Reference				
	Diameter	Height			IEC	JIS	Eveready	Varta	Duracell
10A	10	21.6	9.0	38	-	-	-	-	-
11A	10	16.0	6.0	38	-	-	-	-	MN11
23AE	10	28.0	12.0	55	-	-	A23	V23GA	MN21
26A	7.7	15.3	6.0	20	-	-	-	-	-
27A	7.7	28.0	12.0	20	-	-	-	-	-
29A	7.7	21.4	9.0	20	-	-	-	-	-

## Button Type - Lithium Cell

Model No*	Dimension ( mm. )		Voltage ( V )	Nominal Capacity ( mAh )	Cross Reference				
	Diameter	Height			IEC / JIS	Eveready	Varta	Duracell	
CR1/3N	11.6	10.8	3.0	160	CR1/3N	-	-	-	DL1/3N
CR1025	10.0	2.5	3.0	30	CR1025	ECR1025	CR1025	-	-
CR1216	12.5	1.6	3.0	25	CR1216	ECR1216	CR1216	-	-
CR1220	12.5	2.0	3.0	36	CR1220	ECR1220	CR1220	-	-
CR1616	16.0	1.6	3.0	55	CR1616	ECR1616	CR1616	-	-
CR1620	16.0	2.0	3.0	78	CR1620	ECR1620	CR1620	-	-
CR2016	20.0	1.6	3.0	90	CR2016	ECR2016	CR2016	DL2016	-
CR2025	20.0	2.5	3.0	160	CR2025	ECR2025	CR2025	DL2025	-
CR2032	20.0	3.2	3.0	220	CR2032	ECR2032	CR2032	DL2032	-
CR2430	24.5	3.0	3.0	300	CR2430	ECR2430	CR2430	DL2430	-
CR2450	24.5	5.0	3.0	610	CR2450	ECR2450	CR2450	-	-

## Cylindrical Type - Photo Lithium

Model No*	Dimension ( mm. )		Voltage ( V )	Cross Reference			
	Diameter	Height		IEC	JIS	Eveready	Duracell
CR2	15.6	27.0	3.0	-	-	-	DL2CR2
CR123A	16.8	34.5	3.0	-	-	EL123AP	DL123A
CR-V3	29.0(L) x 14.5(W) x 52.0(H)		3.0	-	-	ELCRV3	CR-V3
CR-P2	34.8(L) x 19.5(W) x 35.8(H)		6.0	CR-P2	-	EL223AP	DL223A
2CR5	34.0(L) x 17.0(W) x 45.0(H)		6.0	2CR5	-	EL2CR5BP	DL245
CRV9	26.0(L) x 16.5(W) x 44.7(H)		9.0	-	-	-	-

## Button Type - Silver Oxide

Model No*	Dimension ( mm. )		Voltage ( V )	Nominal Capacity ( mAh )	Cross Reference				
	Diameter	Height			IEC / Jis	Eveready	Varta	Duracell	Sony
301	11.6	4.2	1.55	120	SR43	301	V301	D301	SR43W
303	11.6	5.6	1.55	165	SR44	303	V303	D303	SR44W
315	7.9	1.65	1.55	21	SR67	315	V315	D315	SR716W
317	5.8	1.65	1.55	11.5	SR62	317	V317	D317	SR516SW
319	5.8	2.7	1.55	20	SR64	319	V319	-	SR527SW
321	6.8	1.65	1.55	16	SR65	321	V321	D321	SR616SW
329	7.9	3.1	1.55	37	-	329	V329	-	-
337	4.8	1.65	1.55	7.5	-	337	-	-	SR416SW
348	4.8	2.15	1.55	12	-	-	-	-	SR421SW
357	11.6	5.4	1.55	165	SR44	357	V357	D357	SR44SW
362	7.9	2.1	1.55	24	SR58	362	V362	D362	SR721SW
364	6.8	2.15	1.55	18	SR60	364	V364	D364	SR621SW
366	11.6	1.65	1.55	33	-	366	-	D366	SR1116SW
370	9.5	2.1	1.55	44	SR69	370	V370	-	SR920SW
371	9.5	2.1	1.55	44	SR69	371	V371	D371	SR920SW
373	9.5	1.65	1.55	26	SR68	373	V373	D373	SR916SW
S76E	11.6	5.4	1.55	130	SR44	S76E	V76PX	MS76	SR44SW
376	6.8	2.6	1.55	30	SR66	376	-	-	SR626W
377	6.8	2.6	1.55	25	SR66	377	V377	D377	SR626SW
379	5.8	2.15	1.55	14	SR63	379	V379	D379	SR521SW
381	11.6	2.1	1.55	40	SR55	381	V381	D381	SR1120SW
384	7.9	3.6	1.55	42	SR41	384	V384	D384	SR41SW
386	11.6	4.2	1.55	120	SR43	386	V386	D386	SR43SW
389	11.6	3.05	1.55	70	SR54	389	V389	-	SR1130SW
390	11.6	3.05	1.55	70	SR54	390	V390	D390	SR1130SW
391	11.6	2.1	1.55	40	SR55	391	V391	D391	SR1120SW
392	7.9	3.6	1.55	42	SR41	392	V392	D392	SR41SW
393	7.9	5.4	1.55	70	SR48	393	V393	D393	SR48W
394	9.5	3.6	1.55	60	-	394	V394	D394	SR936SW
395	9.5	2.7	1.55	55	SR57	395	V395	D395	SR927SW
396	7.9	2.65	1.55	30	SR59	396	V396	D396	SR726SW
397	7.9	2.65	1.55	30	SR59	397	V397	D397	SR726SW
399	9.5	2.7	1.55	55	SR57	399	V399	D399	SR927SW

## Button Type - High Voltage Silver Oxide

Model No*	Dimension ( mm. )		Voltage ( V )	Nominal Capacity ( mAh )	Cross Reference			
	Diameter	Height			IEC / Jis	Eveready	Varta	Duracell
476	13.0	25.2	6.0	165	4SR44	-	V28PX	PX28
476A	13.0	25.2	6.0	105	4LR44	A544	V4034PX	PX28A

## Button Type - Hearing Aid Zinc Air

Model No*	Dimension ( mm. )		Voltage ( V )	Nominal Capacity ( mAh )	Cross Reference			
	Diameter	Height			IEC / Jis	Eveready	Varta	Duracell
ZA10	5.8	3.6	1.4	90	PR536	AC10	-	DA230
ZA13	7.9	5.4	1.4	290	PR48	AC13	V13A	DA13
ZA312	7.9	3.6	1.4	160	PR41	AC312	V312A	DA312
ZA675	11.6	5.4	1.4	630	PR44	AC675	V675HPA	DA675

