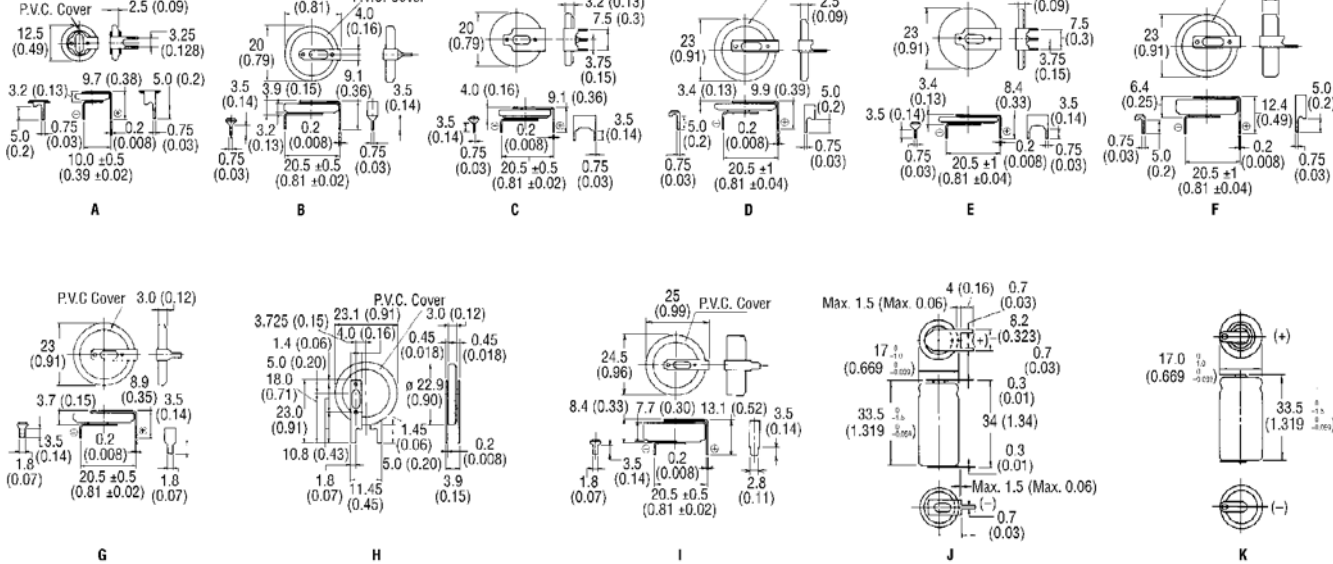


2 Lithium Batteries

Dimensions — mm (in.)



- ▶ High Voltage (3 V)
- ▶ High Energy Density
- ▶ Long Shelf Life
- ▶ Stable Operation
- ▶ 0.5% Capacity Deterioration Per Year
- ▶ Excellent Durability
- ▶ Flat Discharge Voltage and Stable Internal Impedance
- ▶ High Rate Discharge
- ▶ Wide Operating Temperatures
- ▶ Strong Leakage Resistance
- ▶ Excellent Safety

Versatile, long-life Panasonic lithium batteries for leakproof high-energy sources. Designed for a wide range of electronic applications, from cameras and radios to computer memory backup. Safe and chemically and thermally stable. No corrosive liquid or poisonous gas discharge. Two types available — BR (poly-carbon monofluoride) provides flat discharge voltage and stable internal impedance; CR (manganese dioxide) gives high discharge rate and high discharge voltage. Panasonic cells are recognized under UL File No. MH12210.

(CF)/Li Batteries: Poly-Carbon Monofluoride

Stock No.	Mfr.'s Type	Fig.	Electrical Characteristics (20°C)					Recomnd. Drain		Dimensions			EACH			
			JIS	IEC	Nominal Voltage (V)	Nominal Capacity (mAh)	Pulse (mA)	Standard (mA)	Low (µA)	Diameter (mm)	Height (mm)	Weight (g)	1-9	10-24	25-49	50-99
884-0700	BR1216	*	—	—	3	25	5	0.03	1	12.5	1.60	0.6	1.65	1.41	1.09	1.00
884-0312	BR1225	*	—	—	3	48	5	0.03	1	12.5	2.50	0.9	1.69	1.36	1.15	1.06
884-0316	BR2016	*	—	—	3	75	10	0.03	1	20.0	1.60	1.5	1.80	1.46	1.24	1.15
884-0720	BR2020	*	—	—	3	100	10	0.03	2	20.0	2.00	2.0	1.69	1.37	1.16	1.08
884-0301	BR2032	*	—	—	3	190	10	0.03	4	20.0	3.20	2.5	1.91	1.53	1.31	1.20
884-0320	BR2320	*	—	—	3	110	10	0.03	2	23.0	2.00	2.5	1.76	1.38	1.18	1.09
884-0325	BR2325	*	—	—	3	165	10	0.03	3	23.0	2.50	3.0	1.82	1.44	1.23	1.14
884-0725	BR2330	*	—	—	3	255	10	0.03	5	23.0	3.00	3.2	2.26	1.88	1.60	1.50
884-1000	BR3032	*	—	—	3	500	10	0.03	10	30.0	3.20	5.5	3.96	3.21	2.78	2.30
884-0426	BR-1225-1HC	A	—	—	3	48	5	0.03	1	12.5	3.20	0.8	2.42	1.99	1.70	1.57
884-0433	BR-1225-1VC	—	—	—	3	48	5	0.03	1	12.5	3.20	0.8	2.42	1.99	1.70	1.57
884-0432	BR-2032-1HE	B	—	—	3	190	10	0.03	4	20.0	3.90	2.5	2.49	2.04	1.75	1.61
884-0440	BR-2032-1HG	C	—	—	3	190	10	0.03	4	20.0	4.00	2.5	1.90	1.72	1.64	1.57
884-0438	BR-2325-1HB	D	—	—	3	165	10	0.03	3	23.0	3.40	3.0	2.67	2.48	2.11	1.97
884-0425	BR-2325-1HG	E	—	—	3	165	10	0.03	3	23.0	3.40	3.0	3.03	2.48	2.11	1.97
884-0430	BR-2325-1VG	—	—	—	3	165	10	0.03	3	23.0	3.20	3.0	3.08	2.48	2.11	2.00
884-0424	BR-2325-2HC	F	—	—	6	165	10	0.03	3	23.0	6.40	3.0	4.53	3.74	3.36	3.10
884-0331	BR-2330-1HE	G	—	—	3	255	10	0.03	5	23.0	3.90	3.2	2.34	2.12	2.00	1.90
884-0332	BR-2330-1VC	H	—	—	3	255	10	0.03	5	23.1	3.90	3.2	2.34	2.12	2.00	1.90

MN02/Li Batteries: Manganese Dioxide

Stock No.	Mfr.'s Type	Fig.	JIS	IEC	Nominal Voltage (V)	Nominal Capacity (mAh)	Pulse (mA)	Standard (mA)	Low (µA)	Diameter (mm)	Height (mm)	Weight (g)	1-9	10-24	25-49	50-99
884-0730	CR1025	*	—	—	3	32	5	0.10	1	10.0	2.50	0.7	1.49	1.22	1.03	.97
884-0735	CR1216	*	—	—	3	25	5	0.10	1	12.5	1.60	0.7	1.34	1.09	.93	.86
884-0740	CR1220	*	—	—	3	35	5	0.10	1	12.5	2.00	0.9	1.26	1.03	.87	.82
884-0745	CR1616	*	—	—	3	50	8	0.10	1	16.0	1.60	1.2	.86	.71	.63	.61
884-0750	CR1620	*	—	—	3	75	8	0.10	1	16.0	2.00	1.3	1.10	.95	.81	.76
884-0755	CR1632	*	—	—	3	125	8	0.10	1	16.0	3.20	1.8	1.26	1.08	.93	.87
884-0760	CR2012	*	—	—	3	55	10	0.10	1	20.0	1.20	1.4	.66	.57	.48	.46
884-0370	CR2016	*	—	—	3	90	10	0.10	2	20.0	1.60	1.7	1.39	1.11	.96	.88
884-0765	CR2025	*	—	—	3	150	15	0.20	3	20.0	2.50	2.5	1.13	.92	.79	.73
884-0770	CR2032	*	—	—	3	210	15	0.20	4	20.0	3.20	3.3	1.47	1.18	1.01	.93
884-0775	CR2320	*	—	—	3	130	15	0.20	3	23.0	2.00	3.0	1.88	1.52	1.29	1.19
884-0375	CR2330	*	—	—	3	265	15	0.20	5	23.0	3.00	4.0	2.04	1.65	1.40	1.29
884-0380	CR2354	*	—	—	3	560	15	0.20	5	23.0	5.40	5.9	2.28	1.90	1.62	1.50
884-0780	CR3032	*	—	—	3	500	15	0.20	10	30.0	3.20	7.1	2.66	2.23	2.01	1.87
884-0385	CR2477	*	—	—	3	1000	10	0.20	10	24.5	7.70	10.5	4.13	3.59	3.22	2.98
884-0386	CR-2477-1HF	I	—	—	3	1000	15	0.20	10	24.5	8.40	10.5	4.73	4.35	4.10	3.84

*Plain cell. Note: Cells are available in assorted pin and tab configurations. Consult your local regional office for additional information.

Cylindrical Type Lithium Batteries — (CF) n/Li Batteries: Poly-Carbon Monofluoride

Stock No.	Mfr.'s Type	Fig.	Electrical Characteristics (20°C)					Dimensions (Max.)		Weight (g)	EACH			
			Nominal Voltage (V)	Nominal Capacity (mAh)	Standard Drain (mA)	Continuous Maximum Drain (mA)	Max. Pulse (mA)	Diameter (mm)	Approximate Height (mm)		1-9	10-24	25-49	50-99
884-0300	BR-CSSP	*	3	5000	150.0	300	1000	26.0	50.0	47.0	13.36	12.16	11.02	10.18
884-0785	BR-A	*	3	1800	2.5	250	1000	17.0	45.5	18.0	8.74	8.01	7.26	6.81
884-0437	BR-2/3ASSP	*	3	1200	2.5	250	1000	17.0	33.5	13.5	4.33	3.75	3.36	3.23
884-0415	BR-2/3AEZSP	J	3	1200	2.5	250	1000	17.0	33.5	13.5	5.42	4.80	4.34	4.01
884-0410	BR-2/3ATZSP	K	3	1200	2.5	250	1000	17.0	45.5	18.0	4.99	4.40	4.00	3.70

*Plain cell.