

High Temperature Batteries

C and D Cell Sticks



- Designed for use in high ambient temperatures
- All have solder tags for ease of connection
- Applications include emergency lighting and other standby uses where high ambient temperatures are experienced

Operating temperature -20°C to +65°C

Voltage	Can Style	Nominal Capacity Ah	Dimensions L	Dimensions Dia.	Weight (g) Approx.	Mfrs. List No.	Order Code
1.2	C	2.5	50	26	72	GP250CKTHB	318-9788
2.4	C	2.5	100	26	144	GP250CK2THB	318-9790
3.6	C	2.5	150	26	216	GP250CK3THB	318-9806
1.2	D	4.5	61	32.3	125	GP450DKTHB	174-646
2.4	2D	4.5	125	32.3	250	GP450DKT2A4B	174-658
3.6	3D	4.5	185	32.3	375	GP450DKT3A4B	174-660
4.8	4D	4.5	245	32.3	500	GP450DKT4	380-3764
6	5D	4.5	305	32.3	625	GP450DKT5	380-3776

Can Style	Order Code	1+	10+	25+	100+	+
Single C Cell	318-9788	322.00	305.00	290.00	268.00	--
2 C Cell	318-9790	689.00	655.00	622.00	576.00	--
3 C Cell	318-9806	1,016.00	965.00	917.00	850.00	--
Single D Cell	174-646	572.00	544.00	516.00	465.00	--
2 2D Cell	174-658	1,072.00	1,019.00	968.00	873.00	--
3 3D Cell	174-660	1,684.00	1,601.00	1,522.00	1,372.00	--
4 4D Cell	380-3764	2,341.00	2,044.00	--	--	--
5 5D Cell	380-3776	2,961.00	2,586.00	--	--	--

Standard Battery, Built-In Charger



Connections in battery base

The 'X-cell' comprises of a set of nickel cadmium cells and charger contained in a PJ996, 6V lantern battery case. The battery can be charged up to 3000 times from a wide range of dc and ac voltages. Supplied complete with charging leads.

Voltage	Can Style	Nom. Capacity Ah	Max Drain Curr. A	Recharge Time Hrs	Recharge Voltage V	Max. Dimensions H W D	Weight (g) Approx.	Mfrs. List No.	Order Code
6V	PJ996	1.2	4	12/14	8 to 30	110 65 65	585	X-CELL PLUS	207-901
6V	PJ996	2.4	4	16/18	dc/ac or 110 to 240 ac	110 65 65	655	X-CELL MAJOR	207-913

Capacity Ah	Order Code	1+	5+	+	+
1.2	207-901	3,834.00	3,690.00	--	--
2.4	207-913	5,285.00	--	--	--

Laptop Computer Batteries

NiMH and Li-Ion



- A range of replacement batteries for laptop computers
- The batteries are available as "Dumb" or "Smart"
- The "Smart" batteries technology monitors the battery usage and status, reporting via the smbus

Voltage NiMH	Capacity mAh	Dimensions (H W D)			Smart	Mfrs. List No.
10.8V	1.7	19	145	53	Y	DR15S
7.2V	1700	18	145	36		DR17
7.2V	2.4	18	113	71		DR30
10.8V	2.4	18	208	53		DR31
10.8V	3.1	19	216	53		DR35
10.8V	3.1	19	216	53	Y	DR35S
12V	3100	20	150	89	Y	B905S
Li-ion						
11.1V	5400	20	150	89	Y	DR202S

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Mfrs. List No.	Order Code	1+	5+	10+
DR15S	318-9831	4,131.00	3,950.00	3,778.00
DR17	318-9843	2,922.00	2,804.00	2,663.00
DR30	318-9855	3,035.00	2,912.00	2,766.00
DR31	318-9867	4,248.00	4,076.00	3,873.00
DR35	318-9879	3,492.00	--	--
DR35S	318-9880	4,959.00	4,757.00	4,520.00
B905S	318-9892	5,507.00	5,231.00	4,970.00
DR202S	318-9910	9,281.00	8,904.00	8,460.00

Rechargeable Nickel Metal Hydride

Nickel Metal Hydride (Ni-MH) rechargeable batteries offer certain advantages over traditional Ni-Cad cells.

- They have a greater energy density than Ni-Cad, typical capacity for AA Ni-Cad=800mAh; NiMH=1800mAh
- Advanced Ni-MH technology offers up to 50% more life
- Longer life cycle, up to 500 charge/discharge cycles
- Superior temperature range
- Improved self discharge characteristics
- No memory effect-can be topped up
- Do not need to be discharged before charging
- More environmentally friendly than Ni-Cad batteries-zero percent cadmium

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Standard/Specialised Cells



- A range of rechargeable Nickel Metal Hydride cells
- Enhanced capacity over Nickel Cadmium cells
- No memory effect
- Longer cycle life
- Solder tags fitted to some batteries for battery pack assembly

Voltage	Can Style	Nom. Cap. Ah	Charge Rate (14hrs) mA	Max. Discharge Rate mA	Dimensions L Dia.	Weight (g) Approx.	Solder Tags	Mfrs. List No.	Order Code
V1.2	N	0.36	36	1080	29.5 11.6	8.6	No	GP36NH	938-4448
V1.2	1/2AF	0.6	60	1800	22 17	14	Yes	GP60AFH	604-513
V1.2	2/3AAA	0.30	30	840	29 10.2	9	Yes	GP30AAAHMB	206-519
V1.2	2/3AF	1	100	3000	29 17	19	Yes	GP100AFHMB	908-551
V1.2	2/3AA	0.75	75	1800	30.5 14.6	13	Yes	GP75AAHMB	507-027
V1.2	4/5AF	1.8	180	5400	43 17	32	Yes	GP181AFH	604-525
V1.2	4/5AA	1.2	120	3600	43 14.4	22	Yes	GP121AAM	604-537
V1.2	AAA	0.5	55	1650	44 10.5	13	Yes	GP60AAAHMB	174-695
V1.2	AAA	850	85	2550	45.5 10.5	14.5	No	GP85AAAHMB	505-6810
V1.2	AA	1.3	130	3600	49.5 14.5	25	No	GP130AAHC	604-549
V1.2	AA	1.8	180	4500	50.5 14.5	27	No	GP180AAHC	206-490
V1.2	AA	1.8	180	3600	50 14.6	25	Yes	GP180AAHMB	536-970
V1.2	AA	2.15	215	6300	50.5 14.5	27	No	GP220AAHC	505-6809
V1.2	AF	2.5	250	6300	50 17	37	Yes	GP250AFH	604-550
V1.2	7/5AAA	0.8	80	2400	66.2 10.5	17	Yes	GP80AAA	604-562
V1.2	7/5AF	3.7	370	10800	67 18	53	Yes	GP380AFHMB	174-701
V1.2	CS	3.0	300	6600	43 23	47	Yes	GP300SCHMB	174-713
V8.4	PP3	0.17	17	300	48.5 26.5	42	No	GP17R8H	206-477

*Note: Charge times may need adjusting due to different charge currents.

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Can Style	Order Code	1+	10+	25+	100+	+
N	NEW 938-4448	200.00	190.00	173.00	158.00	--
1/2AF	604-513	281.00	266.00	255.00	231.00	--
2/3AAA	206-519	123.00	119.00	116.00	92.00	--
2/3AF	908-551	252.00	237.00	227.00	206.00	--
2/3AA	507-027	200.00	189.00	181.00	162.00	--
4/5AF	604-525	470.00	441.00	424.00	382.00	--
4/5AA	604-537	345.00	324.00	311.00	280.00	--

Batteries, Chargers & Holders

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Compliant Non-compliant
RoHS + Limited stock - RoHS replacement available