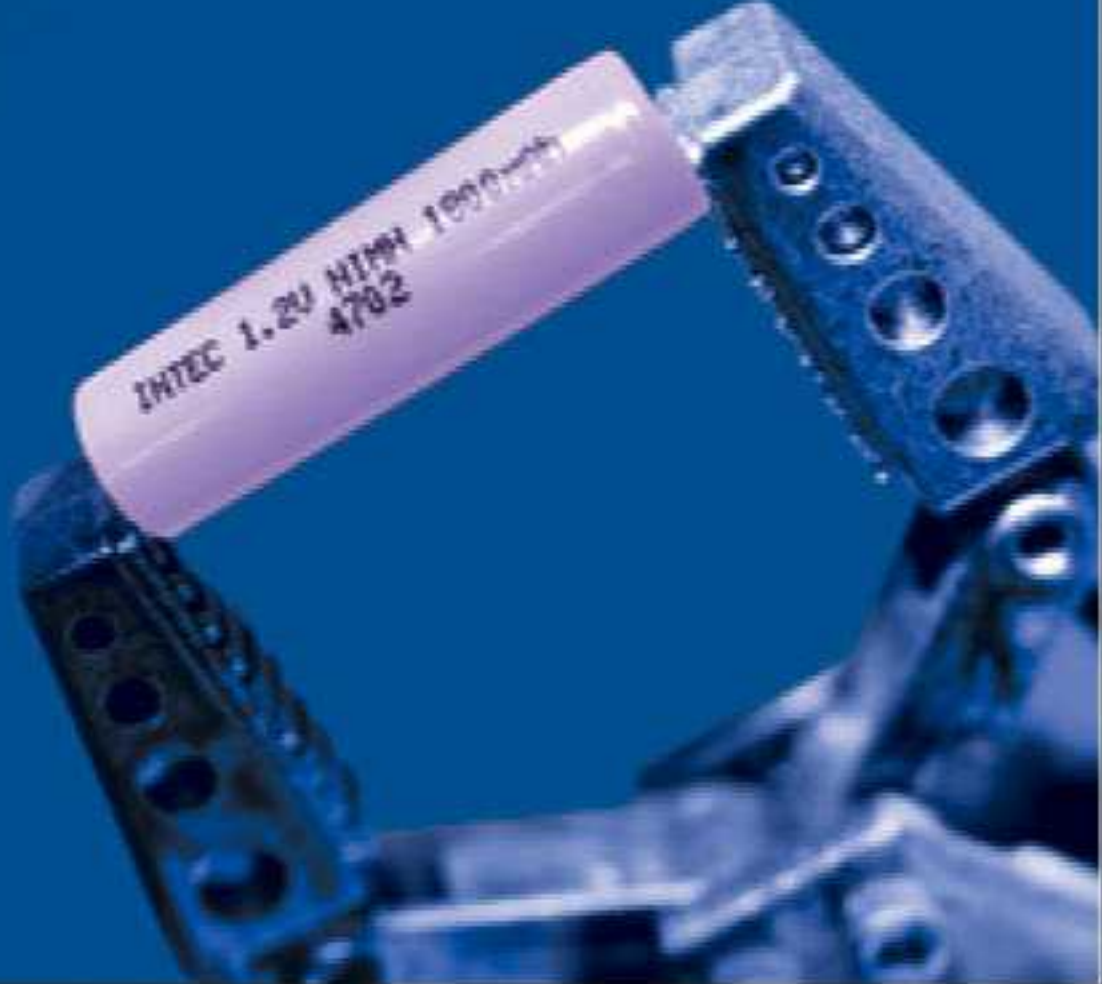




Advanced Power Solutions



www.intecindustries.com

COMPANY PROFILE

Intec Industries Co., Ltd. is a well-established, high-tech company dedicated to the supply of OEM rechargeable and consumer replacement batteries.

Our factories and facilities cover an area of 100,000 sqm with more than 5,000 employees and 20 years of manufacturing experience.

We supply high performance rechargeable cells and assembled battery packs to many OEM markets including consumer electronics, household appliances, flashlights, portable communications, emergency lighting and power tools. Our products comply with the latest ISO & UL requirements and have received qualification by a number of global customers.

Our goal is to provide products with high quality, high performance and best overall value. We always strive to provide world-class customer service and deliver total customer satisfaction.

CAPABILITIES OVERVIEW

- Production of Ni-Cd, Ni-MH, Li-Ion & Li-Ion Polymer cells
- Custom battery pack assembly for all OEMs
- Aftermarket battery packs
- Engineering & Design
- Advanced device testing





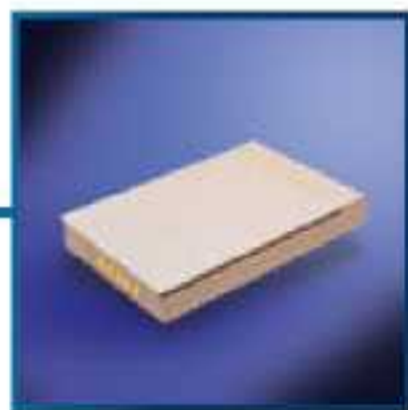
SOLUTIONS FOR PORTABLE POWER



Flashlights



Portable Electronics



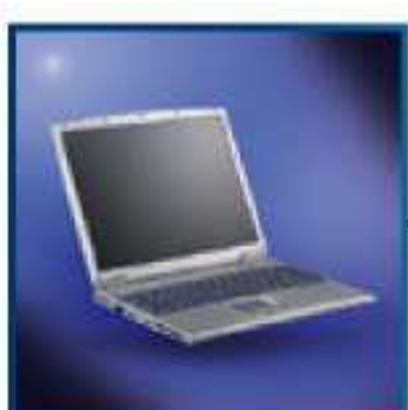
Household Appliances



Power Tools



Emergency Lighting



Computers



MAJOR FEATURES

Ni-Cd BATTERY

High Capacity

High density electrode plates provide 40-50% higher capacity than conventional Ni-Cd batteries, with no adverse effects on their performance characteristics.

Ultra High Drain Performance

Using state of the art sinter electrode technology, our high power Ni-Cd batteries can be discharged up to 10C rate.

High Temperature Operation

Our high temperature cells can operate in high temperature environment as high as 70°C with superior charging and discharging performances.

Superior Overcharge Performance

All our Ni-Cd batteries can be overcharged continuously for 1 year at 0.1C rate with no leakage or deformity.

High Voltage Platform

Operating voltage remains above 1.2 V per cell for over 80% of the discharging period at 0.2C rate.

Longer Cycle Life

Use of state of the art materials that provide superior service life of 300-1,000 charge / discharge cycles depending on depth of discharge conditions.

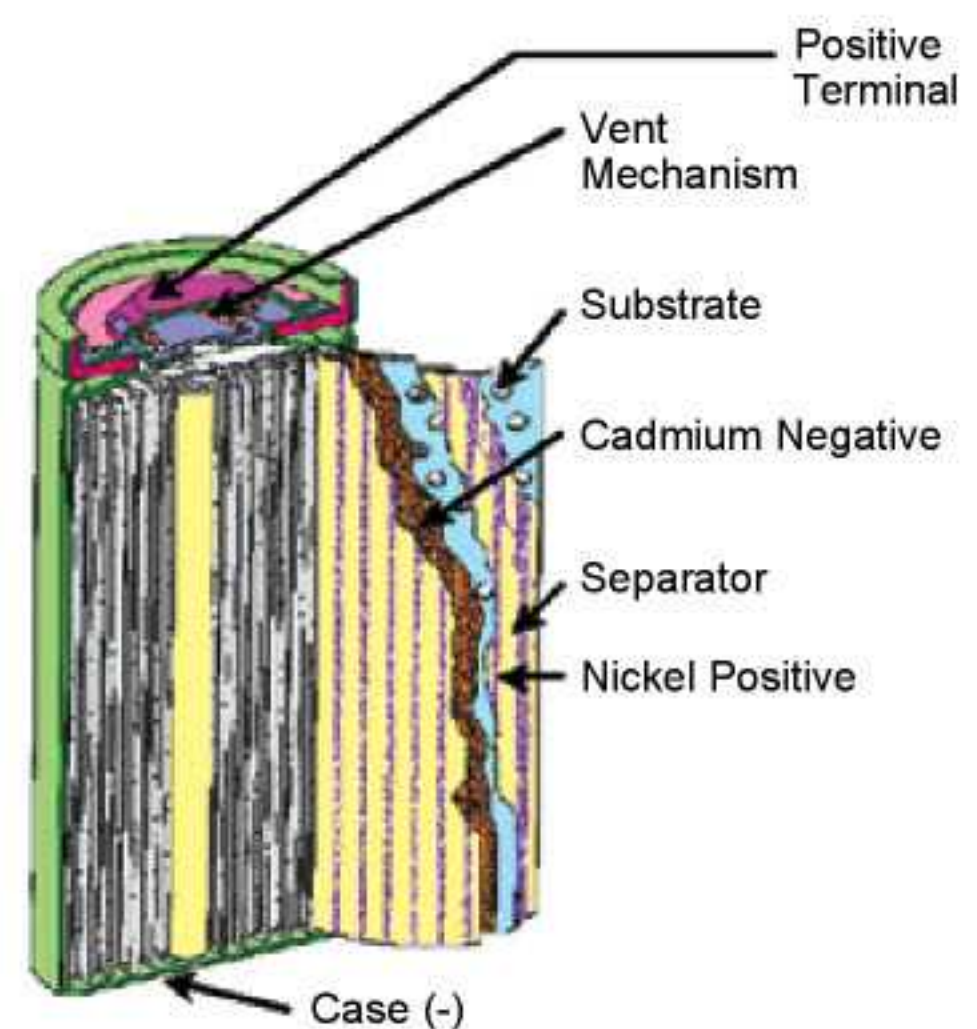
Safety Vent Mechanism

A safety vent is built-in to relieve internal pressure in case of any accident.

High Reliability

All our batteries are produced with the best available materials and state of the art technology, and thus allow our batteries to perform with outstanding reliability.

Cell Construction of Ni-Cd



Ni-Cd BATTERY SPECIFICATIONS

SIZE	MODEL	NOMINAL VOLTAGE (V)	NOMINAL CAPACITY (mAh)**	MAX. DIMENSIONS (mm)	STANDARD CHARGE		FAST / QUICK CHARGE		APPROX. WEIGHT (g)
					CHARGE RATE (mA)	CHARGE TIME (h)	CHARGE RATE (mA)	CHARGE TIME (h)*	
				Diameter x Height					
AA	IF-600AA	1.2	600	Φ14.5 x 49.0	60	16	600	1.2	21
AA	IT-600AA	1.2	600	Φ14.2 x 49.2	60	16	180	5	21
AA	ICF-700AA	1.2	700	Φ14.5 x 49.0	70	16	700	1.2	23
AA	IT-700AA	1.2	700	Φ14.1 x 48.7	70	16	175	6	26
AA	ICF-800AA	1.2	800	Φ14.5 x 49.0	80	16	800	1.2	23
AA	IT-800AA	1.2	800	Φ14.1 x 48.7	80	16	240	6	26
AA	IF-1000AA	1.2	1000	Φ14.5 x 49.0	100	16	1000	1.2	25
2/3A	ICF-600A	1.2	600	Φ17.5 x 28.5	60	16	600	1.2	18
A	ICF-1400A	1.2	1400	Φ17.5 x 49.0	140	16	1400	1.2	35
2/3CS	IF-800Cs	1.2	800	Φ23.0 x 25.5	80	16	800	1.2	26
4/5CS	IP-1200CsS	1.2	1200	Φ23.0 x 33.0	120	16	240	6.5	38
4/5CS	IPF-1200CsS	1.2	1200	Φ23.0 x 33.0	120	16	1200	1.2	38
CS	IP-1300Cs	1.2	1300	Φ23.0 x 43.0	130	16			44
CS	IPF-1300Cs	1.2	1300	Φ23.0 x 43.0	130	16	1300	1.2	44
CS	IP-1500Cs (B)	1.2	1500	Φ23.0 x 43.0	150	16	300	8	46
CS	IP-1500Cs (C)	1.2	1500	Φ22.3 x 42.4	150	16	450	5	54
CS	IPF-1500Cs	1.2	1500	Φ23.0 x 43.0	150	16	1500	1.2	46
CS	IT-1500Cs	1.2	1500	Φ22.3 x 42.4	150	16	450	5	48
CS	IC-1600Cs	1.2	1600	Φ22.3 x 42.4	160	16	480	5	54
CS	IP-1600Cs	1.2	1600	Φ23.0 x 43.0	160	16			46
CS	IPF-1600Cs	1.2	1600	Φ23.0 x 43.0	160	16	1600	1.2	46
CS	IP-1700Cs	1.2	1700	Φ23.0 x 43.0	255	12			50
CS	IPF-1800Cs	1.2	1800	Φ23.0 x 43.0	270	12	1800	1.2	50
CS	IP-1800Cs	1.2	1800	Φ23.0 x 43.0	270	12			50
CS	IPP-1900Cs	1.2	1900	Φ23.0 x 43.0	190	16	1900	1.2	54
1/2C	IC-1100C	1.2	1100	Φ25.6 x 29.5	110	16	330	4	41
C	IT-2500C	1.2	2500	Φ25.2 x 47.8	250	16	2500	1.2	75
1/2D	IC-2500D	1.2	2500	Φ32.4 x 36.0	250	16	750	4	88
1/2D	ICF-2500D	1.2	2500	Φ32.4 x 36.0	250	16	2500	1.2	88
1/2D	IT-2500D	1.2	2500	Φ32.4 x 36.0	250	16	750	4	88
D	ITL-4000D	1.2	4000	Φ33.0 x 60.0	400	16	1200	5	141
D	IC-4500D	1.2	4500	Φ33.0 x 60.0	450	16	1350	5	141
D	ICF-4500D	1.2	4500	Φ33.0 x 60.0	450	16	4500	1.2	141
D	ITL-4500D	1.2	4500	Φ33.0 x 60.0	450	16	1350	5	141
D	IC-5000D	1.2	5000	Φ32.4 x 60.5	500	16	1500	4	145
D	IC-5000DC	1.2	5000	Φ31.9 x 59.0	500	16	1500	4	145
D	IPX-5000D	1.2	5000	Φ33.0 x 59.5	500	16	1000	7.5	144
D	ITL-5000D	1.2	5000	Φ32.4 x 60.5	500	16	1500	5	145
D	IC-5500D	1.2	5500	Φ32.4 x 60.5	550	16	1000	7	150
D	IC-5700D	1.2	5700	Φ32.4 x 60.5	570	16	1200	7	160
D	IC-5700DC	1.2	5700	Φ31.9 x 59.0	570	16	1200	7	160
D	ITL-5700D	1.2	5700	Φ32.4 x 60.5	570	16	1200	7	160
D	IC-6000D	1.2	6000	Φ32.4 x 60.5	600	16	1300	7	160
D	ITL-6000D	1.2	6000	Φ32.4 x 60.5	600	16	1300	7	160
F	IC-7000F	1.2	7000	Φ33.0 x 89.0	700	16	1400	7.5	220
F	ICF-7000F	1.2	7000	Φ33.0 x 91.5	700	16	2400	3.5	230
F	ITL-7000F	1.2	7000	Φ33.0 x 91.5	700	16	1400	7.5	230
				T x W x H					
9V	IC-120F22	8.4	120	16.5 x 27.0 x 49.0	12	16	24	8	41

Model Feature Designations

prefix:

- " F " – Fast Charge
- " C " – High Capacity
- " P " – High Power
- " X " – Extra High Power
- " T " – High Temperature
- " L " – Lighting Application

Notes:

- * – Requires appropriate charging control.
- ** – Nominal capacity is based on C/5 discharge rate.
- Product offerings may vary; please consult Intec customer service for details.



MAJOR FEATURES

Ni-MH BATTERY

Environmentally Friendly

Ni-MH batteries do not contain toxic or hazardous elements such as cadmium, mercury or lead.

High Energy Density

Energy density of Ni-MH batteries is 30-50% higher than Nickel Cadmium batteries of similar size.

High Drain Performance

Using state of the art sinter electrode technology, our high power Ni-MH batteries can be discharged up to 8C rate.

High Voltage Platform

Operating voltage remains above 1.2 V per cell for 80% of the discharging period at 0.2C rate.

Compatibility

Ni-MH batteries are compatible with Nickel Cadmium batteries of same discharge voltage.

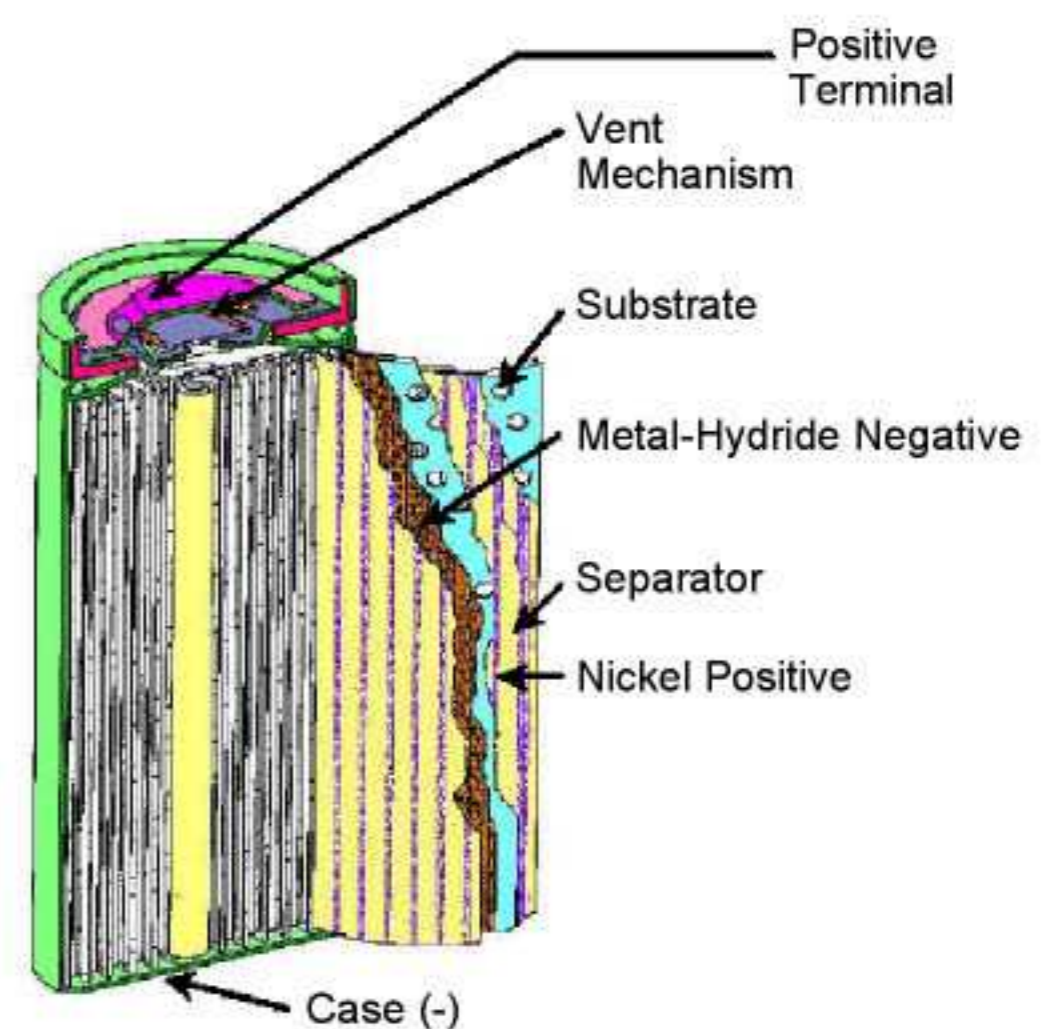
Longer Cycle Life

Use of state of the art materials that provide superior service life of 300-1,000 charge / discharge cycles depending on depth of discharge conditions.

Safety Vent Mechanism

A safety vent is built-in to relieve internal pressure in case of any accident.

Cell Construction of Ni-MH



Ni-MH BATTERY SPECIFICATIONS

SIZE	MODEL	NOMINAL VOLTAGE (V)	NOMINAL CAPACITY (mAh)**	MAX. DIMENSIONS (mm)	STANDARD CHARGE		FAST / QUICK CHARGE		APPROX. WEIGHT (g)
					CHARGE RATE (mA)	CHARGE TIME (h)	CHARGE RATE (mA)	CHARGE TIME (h)*	
Diameter x Height									
2/3AAA	IMH-300AAA	1.2	300	Φ10.5 x 28.5	30	15	300	1.2	7
AAA	IMH-650AAAHH	1.2	650	Φ10.5 x 44.5	65	15	330	2.4	12
AAA	IMH-700AAA	1.2	700	Φ10.5 x 43.5	70	15	700	1.2	12
AAA	IMH-700AAAHH	1.2	700	Φ10.5 x 44.5	70	15	700	1.2	13
AA	IMX-900AA	1.2	900	Φ14.5 x 49.0	90	15	900	1.2	28
AA	IMH-1000AA	1.2	1000	Φ14.5 x 49.0	100	15	1000	1.2	28
AA	IMH-1200AA	1.2	1200	Φ14.5 x 49.0	120	15	1200	1.2	28
AA	IMX-1200AA	1.2	1200	Φ14.5 x 49.0	120	15	1200	1.2	28
AA	IMH-1200AAHH	1.2	1200	Φ14.5 x 50.5	120	15	1200	1.2	28
AA	IMH-1400AA	1.2	1400	Φ14.5 x 50.0	140	15	700	2.2	28
AA	IMH-1600AA	1.2	1600	Φ14.5 x 50.0	160	15	800	2.2	28
AA	IMH-1800AA	1.2	1800	Φ14.5 x 50.0	180	15	900	2.4	32
AA	IMH-1800AAHH	1.2	1800	Φ14.5 x 50.5	180	15	900	2.4	32
AA	IMH-2000AAHH	1.2	2000	Φ14.5 x 50.5	200	15	600	7.5	32
AA	IMH-2100AA	1.2	2100	Φ14.5 x 50.0	210	15	630	7.5	32
AA	IMH-2100AAHH	1.2	2100	Φ14.5 x 50.5	210	15	630	7.5	32
2/3A	IMH-900A	1.2	900	Φ17.5 x 28.5	90	15	900	1.2	27
4/5A	IMH-1700A	1.2	1700	Φ17.5 x 43.0	170	15	1700	1.2	31
4/5A	IMH-1800A	1.2	1800	Φ17.5 x 43.0	180	15	1800	1.2	32
A	IMH-2100A	1.2	2100	Φ17.5 x 49.5	210	15	1050	2.4	40
A	IMH-2300A	1.2	2300	Φ17.5 x 49.5	230	15	2300	1.2	42
4/3A	IMH-3300A	1.2	3300	Φ17.0 x 67.0	330	15	3300	1.2	50
4/3A	IMH-3800A	1.2	3800	Φ17.0 x 67.0	380	15	2000	2.1	55
18670	IMH-18670AF	1.2	4500	Φ18.4 x 67.2	450	15	2000	2.7	66
18720	IMT-4000AF	1.2	4000	Φ18.3 x 72.0	400	15	2000	2.4	63
18720	IMH-18720AF	1.2	4500	Φ18.3 x 72.0	450	15	2000	2.7	66
4/5CS	IMX-1200CsS	1.2	1200	Φ22.7 x 34.0	120	15	1200	1.2	42
4/5CS	IMX-1400CsS	1.2	1400	Φ22.7 x 34.0	140	15	1400	1.2	45
4/5CS	IMP-1500CsS	1.2	1500	Φ22.7 x 34.3	150	15	750	2.4	46
4/5CS	IMX-1600CsS	1.2	1600	Φ22.7 x 34.3	160	15	1600	1.2	48
4/5CS	IMP-1700CsS	1.2	1700	Φ22.7 x 34.3	170	15	850	2.4	48
CS	IMX-1300Cs	1.2	1300	Φ23.0 x 43.0	130	15	1300	1.2	54
CS	IMX-1500Cs	1.2	1500	Φ23.0 x 43.0	150	15	1500	1.2	54
CS	IMX-1800Cs	1.2	1800	Φ23.0 x 43.0	180	15	1800	1.2	56
CS	IMX-2000Cs	1.2	2000	Φ23.0 x 43.0	200	15	2000	1.2	58
CS	IMP-2200Cs	1.2	2200	Φ23.0 x 43.0	220	15	1100	2.4	58
CS	IMX-2200Cs	1.2	2200	Φ23.0 x 43.0	220	15	2200	1.2	58
CS	IMP-2500Cs	1.2	2500	Φ23.0 x 43.0	250	15	1250	2.4	58
CS	IMP-3000Cs	1.2	3000	Φ23.0 x 43.0	300	15	1500	2.4	60
C	IMP-4000C	1.2	4000	Φ25.4 x 49.6	400	15	2000	2.4	87
C	IMX-4000C (C)	1.2	4000	Φ25.4 x 49.6	400	15	2000	2.4	87
C	IMX-4000C (E)	1.2	4000	Φ25.3 x 50.0	400	15	4000	1.2	88
C	IMP-4500C	1.2	4500	Φ25.3 x 50.0	450	15	2250	2.4	88
D	IMP-7000D	1.2	7000	Φ33.0 x 60.5	700	15	3500	2.4	175
D	IMX-7000D	1.2	7000	Φ33.0 x 60.5	700	15	3500	2.4	175
D	IMP-8500D (B)	1.2	8500	Φ33.0 x 60.5	850	15	1700	7.5	175
D	IMP-8500D (C)	1.2	8500	Φ32.6 x 60.5	850	15	4250	2.4	175

Model Feature Designations

prefix:

- " M " – NiMH cell
- " H " – Moderate Discharge Rate
- " P " – High Power
- " X " – Extra High Power
- " T " – High Temperature

suffix:

- " HH " – with High-Hat Button

Notes:

- * – Requires appropriate charging control.
- ** – Nominal capacity is based on C/5 discharge rate.
- Product offerings may vary; please consult Intec customer service for details.



MAJOR FEATURES

Li-Ion BATTERY

Environmentally Friendly

Li-Ion batteries do not contain toxic or hazardous elements such as metal lithium, mercury, cadmium or lead.

High Energy Density

Li-Ion battery generates high energy density twice that of Ni-Cd and Ni-MH. This minimizes battery size and weight and makes it perfect for small portable equipment.

High Voltage Platform

Discharge voltage of Li-Ion batteries is 3 times higher than that of Ni-Cd and Ni-MH.

Fast Charging and High-Output Characteristics

Our Li-Ion batteries can be charged at 1C rate with proper charging control and capable of continuous discharge at 2C rate, which is an important feature for devices that require large power consumption.

Stable Discharge Characteristics

Operating voltage remains stable throughout the discharge cycle.

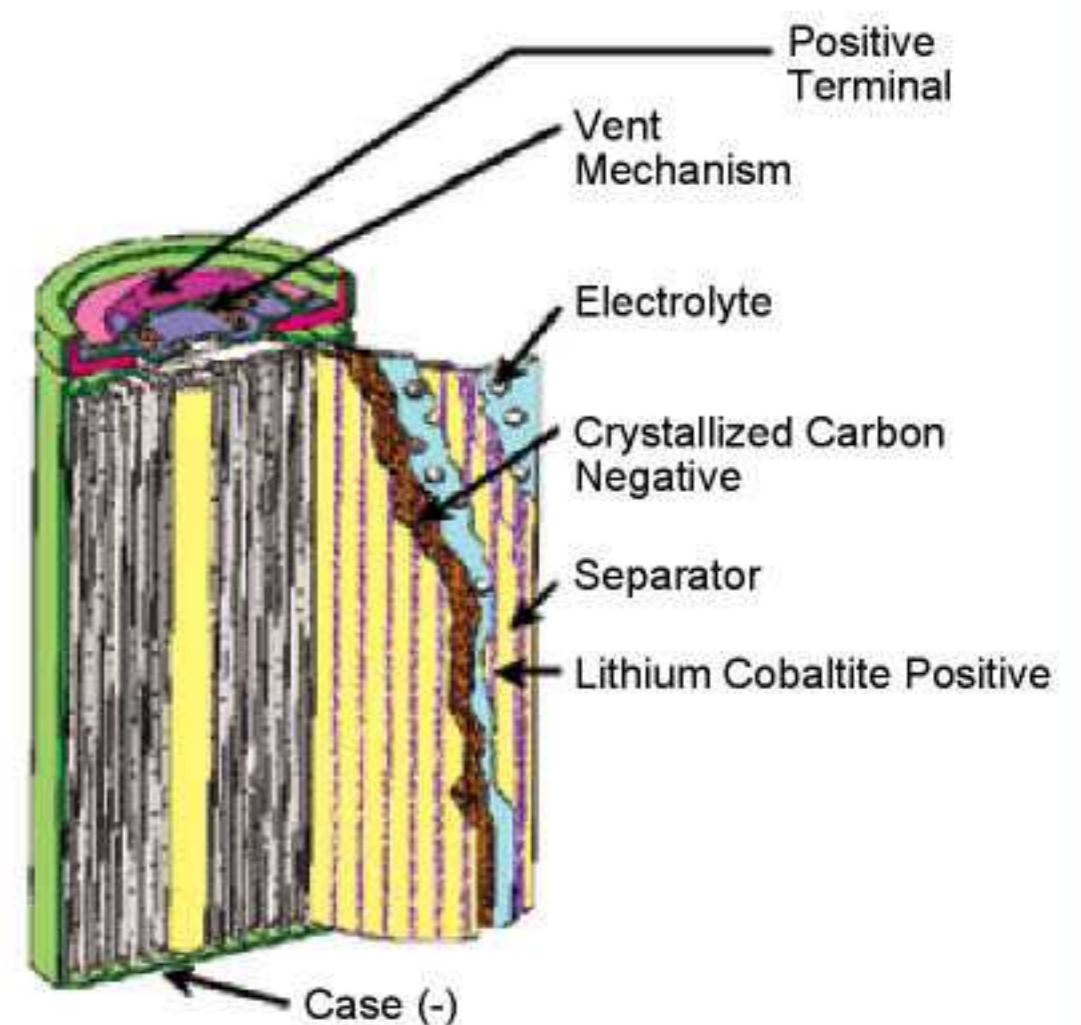
Longer Cycle Life

With proper usage, our Li-Ion batteries can have over 500 charge / discharge cycles.

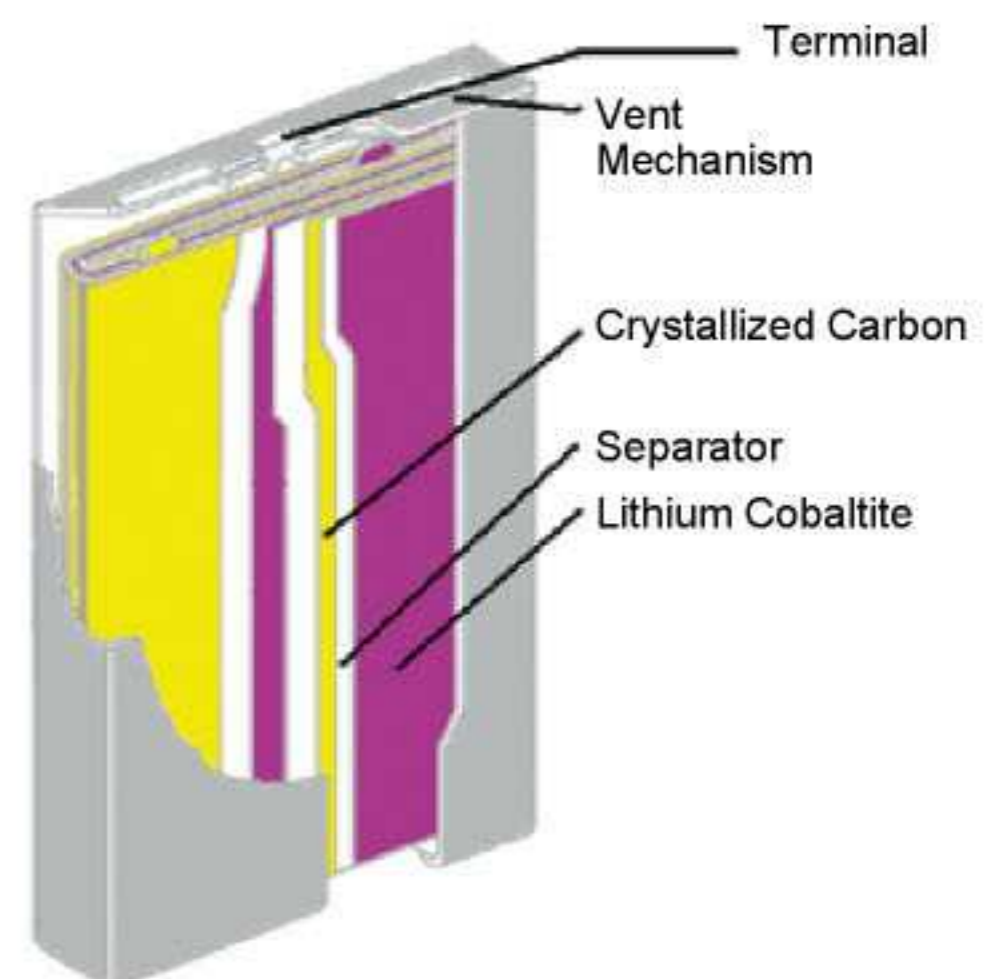
Safety Mechanism

Each Li-Ion battery contains a special protection circuit to ensure safety.

Cell Construction of Li-Ion Cylindrical



Cell Construction of Li-Ion Prismatic



Li-Ion BATTERY SPECIFICATIONS

SIZE	MODEL	NOMINAL VOLTAGE (V)	NOMINAL CAPACITY (mAh)**	MAX. DIMENSIONS (mm)	STANDARD CHARGE TIME (h)*	APPROX. WEIGHT (g)
Li-Ion Cylindrical				Diameter x Height		
14500	ILI-50AA	3.7	650	Φ14.1 x 50.2	3.5	19
14650	ILI-65AA	3.7	950	Φ14.1 x 65.2	3.5	26
18650	ILI-21065AF	3.7	2050	Φ18.4 x 65.3	3.5	43
Li-Ion Prismatic				T x W x H		
043040	ILI-043040	3.7	330	4.2 x 29.7 x 40.5	3.5	16
043555	ILI-043555	3.7	550	4.1 x 34.7 x 55.5	3.5	25
053142	ILI-053142	3.7	480	4.5 x 30.3 x 41.3	3.5	12.5
053465	ILI-053565	3.7	900	5.2 x 33.9 x 65.5	3.5	35.5
063048	ILI-063048C	3.7	900	6.3 x 29.7 x 48.5	3.5	33
063450	ILI-063450H	3.7	1000	6.4 x 33.9 x 50.0	3.5	29
073048	ILI-073048	3.7	800	7.7 x 29.7 x 48.5	3.5	28
073448	ILI-073448	3.7	950	7.7 x 33.9 x 48.5	3.5	31
083048	ILI-083048C	3.7	1100	8.1 x 29.7 x 48.5	3.5	35
083448	ILI-083448	3.7	1100	8.1 x 33.9 x 48.5	3.5	38
103450	ILI-103450	3.7	1750	10.8 x 34.0 x 50.2	3.5	39

Model Feature Designations

prefix:
" LI " – Li-Ion cell

Notes:

- * – Requires appropriate charging control. (constant current / constant voltage method)
- * – Charge Current: 1C Max, C/2 recommended
- * – Charging Voltage: 4.20V maximum
- ** – Nominal capacity is based on C/5 discharge rate.
- Product offerings may vary; please consult Intec customer service for details.



CAPABILITIES

QUALITY

Why should companies waste time and money in the detection, definition and elimination of mistakes when it's possible to prevent them in the first place? For Intec, quality is verifiable and not simply a marketing campaign.



CUSTOMER SERVICE

The only way to truly "partner" with customers is to provide consistent service which meets or exceeds expectations. Our worldwide team ensures 24 hour coverage on any given day.



ENGINEERING & DESIGN

Our team is focused on supporting customers with all aspects of battery design from conception to market introduction.



RECHARGEABLE CELLS & ASSEMBLY

Intec offers a "one-stop" capability with secondary cells, expert design and battery pack assembly for almost any OEM.



ADVANCED TESTING

Our state of the art facility allows for testing of cells, batteries and virtually any device that will be powered by an Intec solution.



AFTERMARKET

Batteries are manufactured in the USA and Asia with superior quality and performance. Wide range of compatible replacement battery packs to fit most notebook computers, digital cameras and camcorders.



GLOBAL NETWORK



Los Angeles, CA
USA

Gainesville, FL
USA

Midlands
UK

Hong Kong
China