

## Lithium ion Rechargeable Battery

### Specifications (Prismatic ; MP Series)

Product Number	Nominal Voltage (V) * 2	Capacity		Charge Voltage (V)	Dimensions * 1			Weight (g/MAX) * 1	Can case
		TYP (mAh) * 3	MIN (mAh) * 3		Thickness (mm/MAX)	Width (mm/TYP)	Height (mm/TYP)		
IMP300548AL-1	3.8	630	600	4.2	5.3	29.5	47.8	17.0	Al

### Specifications (Prismatic ; CP Series)

Product Number	Nominal Voltage (V) * 2	Capacity		Charge Voltage (V)	Dimensions * 1			Weight (g/MAX) * 1	Can case
		TYP (mAh) * 3	MIN (mAh) * 3		Thickness (mm/MAX)	Width (mm/TYP)	Height (mm/TYP)		
ICP340350AL	3.7	650	630	4.2	3.7	33.6	49.7	15.0	Al
ICP300448ALT	3.7	700	680	4.2	4.4	29.4	47.5	14.8	Al
ICP340443AL	3.7	720	700	4.2	4.4	33.8	42.5	15.5	Al
ICP340536AL	3.7	710	680	4.2	5.3	33.7	35.5	15.0	Al
ICP300548ALS	3.7	830	800	4.2	5.4	29.5	47.8	17.5	Al
ICP340450ALDP	3.7	800	780	4.2	4.4	33.8	49.1	18.0	Al
ICP340550ALP	3.7	930	900	4.2	5.3	33.8	49.1	20.5	Al
ICP220665	3.7	1,000	950	4.2	6.5	22.0	65.0	28.5	Fe

### Specifications (Laminate type ; ML Series)

Product Number	Nominal Voltage (V) * 2	Capacity		Charge Voltage (V)	Dimensions * 1			Weight (g/MAX) * 1	Package
		TYP (mAh) * 3	MIN (mAh) * 3		Thickness (mm/MAX)	Width (mm/TYP)	Height (mm/TYP)		
IML200425-2	3.8	115	110	4.2	4.2	20.5	25.0	4.0	Laminate film
IML200425A-2	3.8	150	140	4.2	4.8	20.5	25.0	4.5	Laminate film
IML270330-2	3.8	150	145	4.2	3.5	27.0	30.0	4.5	Laminate film
IML270530-2	3.8	300	285	4.2	5.6	27.0	30.0	8.0	Laminate film

Standard charge condition; Constant current-constant voltage (4.2V,1C,2.5H,20°C)

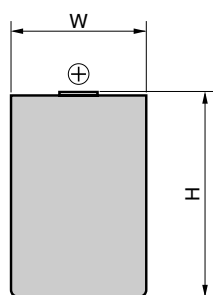
Temperature range: Charge 0°C to 45°C, Discharge -20°C to 60°C, Storage -20°C to 40°C

Note \* 1; Dimensions of a fresh battery (Bare cell size). This is only for reference (not guaranteed).

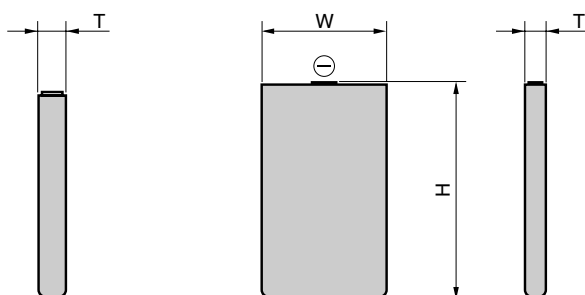
\* 2; Nominal voltage (Average discharge voltage): Discharge current 0.2C, End of voltage 3.0V, Temperature 20°C

\* 3; Capacity (Discharge capacity): Discharge current 0.2C, End of voltage 3.0V, Temperature 20°C

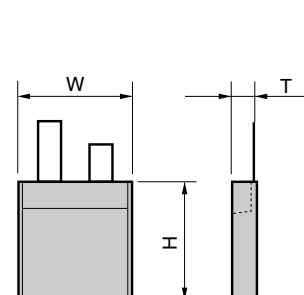
## ■ Dimensions



Fe can case type



Al can case type



Laminate type

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## Precautions



- The names of the products and the specifications in this catalog are subject to change without notice for the sake of improvement. The manufacturer also reserves the right to discontinue any of these products. At the time of delivery, please ask for specifications sheets to check the contents before use.
- Descriptions in this catalog regarding product characteristics and quality are based solely on discrete components. When using these components, be sure to check the specifications with the component in question mounted on the products.
- The manufacturer's warranty will not cover any disadvantage or damage caused by improper use of the products that deviates from the characteristics, specifications, or conditions for use described in this catalog.
- The products in this catalog are intended for use in ordinary electronic products. If any of these products are to be used in special applications requiring extremely high reliability, where product defects might pose a safety risk, please consult your NEC TOKIN sales representatives.
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- Please be advised that the manufacturer accepts no responsibility for any infringement by users of the manufacturer's products on third party patents or industrial copyrights. The manufacturer is responsible only when such infractions are attributable to the structural design of the product and its manufacturing process.
- Should any of these products be considered as strategic goods, and thereby governed by foreign exchange or foreign trade regulations, the Government of Japan will require an export license before said products can be exported outside Japan.
- This catalog is current as of August 2003.

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