

Company Outline

Company Name	: NEC TOKIN Corporation
Established	: April 8, 1938
Capital	: ¥31,990 million
President	: Masakazu Okabe
Employees	: 12,310 (Consolidated basis)
Headquarters	: 7-1, Kohriyama 6-chome, Taihaku-ku, Sendai-shi, Miyagi 982-8510, Japan
Tokyo Headquarters	: Chiyoda First Bldg., 8-1, Nishi-Kanda 3-chome, Chiyoda-ku, Tokyo 101-8362, Japan
Net Sales	: ¥94,510 million (FY2008)
Business items	: Energy devices: Tantalum capacitors, Proadlizer, Lithium ion rechargeable batteries Network devices: Miniature relays, Transmitting communication devices, IC cards and IC tags Functional devices: Magnetic devices, Piezoelectric devices, Sensors
48 TEL	: +81-22-308-0014 +81-3-3515-9111
URL	: http://www.nec-tokin.com/english

Contact Information

Division	: Global Sales & Marketing Unit Global Marketing Division (Battery Marketing) Tel : +81-3-3515-9271 Fax: +81-3-3515-9261
Product	: Large Capacity laminated Lithium ion Rechargeable Batteries
URL	: http://www.nectokin.com/english product/me/lineup.html

Large Capacity laminated Lithium ion Rechargeable Batteries

NEC TOKIN brings you Large Capacity Laminated Lithium ion Rechargeable Battery optimal for replacing lead acid battery and nickel cadmium battery.



Specifications (Cell)

IML05/82/150A

Charge Voltage	: 4.2V
Nominal Voltage	: 3.7V
Nominal Capacity	: 4.3Ah
Size(Approx.)	: 5.4×150×82mm
Mass(Approx.)	: 113g
Note	: High capacity type

IML06/82/150B

Charge Voltage	: 4.2V
Nominal Voltage	: 3.7V
Nominal Capacity	: 5.2Ah
Size(Approx.)	: 6.0×150×82mm
Mass(Approx.)	: 130g
Note	: High capacity type

Advantages of Li-ion Batteries

Compact and light weight

(high energy density, high voltage)

High specific power density

(low impedance, high current discharge, low heat generation)

Safe and secure

(resistant to overcharge and overcurrent)

Environmental-friendly

(Cd, Hg free)

No memory effect

(No refresh charge)



Large Capacity laminated Lithium ion Rechargeable Batteries 24V type Standard Battery Pack, Battery Module and Charger



Long Life



High Safety



**Environmentally
Thoughtful**



MH71-3002 (Battery Pack)

Charge Voltage	: 29.4V
Nominal Voltage	: 25.9V
Nominal Capacity	: 4.3Ah
Size(Approx.)	: 68.3x91x200mm
Mass(Approx.)	: 1.3kg
Watt-hour rating	: 112Wh
Maximum Discharge Current	: 12A



MH71-3040 (Battery Module)

Charge Voltage	: 29.4V
Nominal Voltage	: 25.9V
Nominal Capacity	: 5.2Ah
Size(Approx.)	: 56.6x91x211mm
Mass(Approx.)	: 1.2kg
Watt-hour rating	: 135Wh
Maximum Discharge Current	: 15.6A



MH72-3003 (Battery Pack)

Charge Voltage	: 29.4V
Nominal Voltage	: 25.9V
Nominal Capacity	: 8.6Ah
Size(Approx.)	: 70x180x210mm
Mass(Approx.)	: 2.5kg
Watt-hour rating	: 223Wh
Maximum Discharge Current	: 12A



MC71-3048 (Charger)

Charge Voltage	: 29.3V
Charge Current	: 4.0A
Charge Time	: 2h (4.3Ah)
Size(Approx.)	: 55.5x115x165mm
Mass(Approx.)	: 0.75kg
Input	: 100-240V 1.5A 50/60Hz