

Company Profile

Musashi Group

(Parent company : Musashi Seimitsu Industry Co., Ltd.)
(Subsidiary company : Musashi Energy Solutions Co., Ltd.)



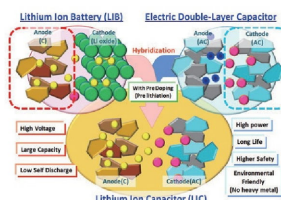
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Tel	(+81)532-25-8111
Email	shoji_kakihara@musashi.co.jp
Website	http://www.musashi.co.jp/
Contact Person	sales: Shouji Kakihara
Capability Category	Battery, Capacitor



Representative	Hiroshi Otsuka
Sales Amount	204,714 million yen (As of March, 2021)
Capital	5,394 million yen (As of August, 2020)
Employees	15,120 (As of March, 2021)
Established	1994/1/22
Certification	ISO9001:2015, ISO14001, IATF16949:2016
Group Name	Parent company : Musashi Seimitsu Industry Co., Ltd.
Major Customers	Subsidiary company : Musashi Energy Solutions Co., Ltd. MSI: Honda Motor Co., Ltd./Ford Motor Company etc MES: MEIDENSYA, SHIZUKI ELECTRIC COMPANY etc

Business Overview

Our group company, Musashi Energy Solutions, has been engaged in the research, development, and manufacture of lithium ion capacitors. Lithium ion capacitors are characterized by high power, long life, and high safety. By using activated carbon for the positive electrode and carbon for the negative electrode, it is difficult to cause thermal runaway and can be operated more safely than LIBs. The use of activated carbon for the cathode and carbon for the anode makes thermal runaway more difficult and safer than LIBs. The use of activated carbon for the positive electrode and carbon for the negative electrode prevents thermal runaway, making it safer to operate than LIBs.



Products · Materials · Part Sizes · Facilities & Equipment

Lithium Ion Capacitor (Prismatic Cell)
Capacitance: 3300F/4100F
Rated voltage: 3.8V to 2.2V
Specification temperature range: -30°C to 70°C
Cycle Durability: $\geq 1,000,000$
Maximum discharge current: 1,300A (3300F), 1,200A (4100F)
Size (mm): 150.2 x 93.2 x 15.8
Weight (g): 343 (3300F), 323 (4100F)



Our Strength

Our lithium ion capacitors have been adopted by many customers for both mobile and stationary applications. As a member of the Musashi Group since last year, we are able to utilize Musashi Seimitsu Industry's global sales bases.

Needs we can correspond / Business partners we want

Battery for APU engine start-up
Emergency power supply for emergency doors



Office & Plants

Subsidiary company : Musashi Energy Solutions Co., Ltd.
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