

Battery Simulator

DC Power Supply

Features

High Capacity

Max. output voltage : 750V

Max. output current : 1200A

High Efficiency

95% or better

Charge and Discharge Feature



Supplies stable voltage to test inverters for EV and HEV motors
Cuts automotive development times

Control Modes

- Basic control Fixed voltage mode
- System startup Fixed current mode
Fixed voltage mode
BTS mode (simulates resistance loss within battery)

Basic Specifications

■ Output voltage : 100~750V ※Operable range : 50~750V

■ Fixed current : 48~1200A

Control accuracy	▼ Control Mode	▼ Fixed Voltage Mode	▼ Fixed Current Mode	▼ Fixed power mode
Control accuracy*		±1V	±3%FS	±5%FS
Response time*		30ms	10ms	150ms

※Please inquire with Toyo Denki regarding control accuracy and response time.

Product Series

■ Max. output : 600V Capacity : Up to 720kW equivalent Fixed current : Up to 1200A

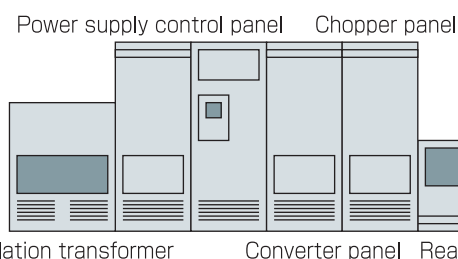
■ Max. output voltage : 750V Capacity : Up to 375kW equivalent Fixed current : Up to 500A

Basic Equipment Configuration

Comprises insulation transformer, power supply control panel, converter panel, chopper panel and reactor panel.

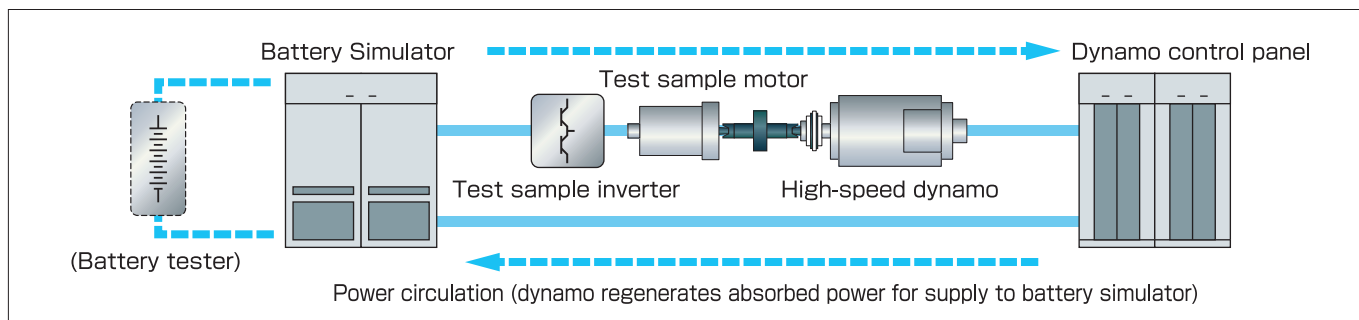
Notes :※Optional operating box and relay box are available.

※Please inquire with Toyo Denki regarding dimensions.



Can be customized to customer specifications.

Can be combined with Toyo Denki Dynamo Equipment for power circulation.



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TOYODENKI SEIZO K.K.
www.toyodenki.co.jp

Head Office / Tokyo Tatemono Yaesu Building 1-4-16, Yaesu, Chuo-ku, Tokyo, 103-0028, Japan
(Industry Business Unit/Drive Systems Sales Division)
TEL.+81-3-5202-8134 FAX.+81-3-5202-8150

Osaka Branch / Higashi-hankyu Bldg., 1-1 Kakuda-cho, Kita-ku, Osaka City, Osaka Prefecture 530-0017, Japan
TEL.+81-6-6313-1301 (main line) FAX.+81-6-6313-0165

Nagoya Branch / Toyo Bldg., 3-14-16 Meieki, Nakamura-ku, Nagoya City, Aichi Prefecture 450-0002, Japan
TEL.+81-52-541-1141 (main line) FAX.+81-52-586-4457