## Low Inertial Dynamo Series
- **High-Speed, Low Inertia Dynamo Series**
  - Rotational speed: Up to 10000 min⁻¹
  - Output: Up to 505 kW
- **High Torque, Low Inertia Dynamo Series**
  - Rotational speed: Up to 4000 min⁻¹
  - Output: Up to 535 kW
- **Ultra-High-Speed, Low Inertia Dynamo Series**
  - Rotational speed: Up to 20000 min⁻¹
  - Output: Up to 275 kW

Note: For motors over 16,000 min⁻¹, please inquire with Toyo Denki. Dynamos can be customized to customer needs.

## Virtual Simulator Series
- **Battery Simulators**
  - Output: Up to 250 kW
  - Voltage: Up to 750 V
  - Fixed current: Up to 500 A
- **Motor simulator**
  - Please contact Toyo Denki for detailed information.

## Program controller
- **Pattern driving**
  - Simulation driving using selectable pattern
  - Automatic drive mode, upper/lower limit protection setting
- **Model driving**
  - Vehicle model, engine model (simulation of explosively variable torque, etc.)
  - Note: Please contact Toyo Denki for detailed information.

This brochure and its contents are subject to change without notice.
Toy Denki Testing System for Automobiles

**EV/HEV Testing Equipment**
- Battery Simulator (Inverter and Motor Evaluation)
- Battery Simulator and Motor Simulator (Inverter Evaluation)
- Inverter and Motor Simulator (Battery Evaluation)

**Engine Testing Equipment**
- Reproduces drive characteristics of a real vehicle through virtual control of engine load (engine virtual and real simulator, or VRS).

**FF Transaxle Testing Equipment**
- Uses high-speed, low inertia motor to enable transient operation simulating a real vehicle.
- Offers virtual engine model control and virtual vehicle model control to simulate real vehicle drive characteristics from a bench testing machine.

**FR Transmission and Differential Gear Testing Equipment**
- Uses high-speed, low inertia motor to enable transient operation simulating a real vehicle.

**Other Testing Equipment**
- Standalone motor
- Measurement equipment for motor electrical constant
- Variable torque measurement equipment
- CVT belt
- Clutch
- Torque converter
- Brake
- Reduction gear

Note: Can be customized to customer specifications.