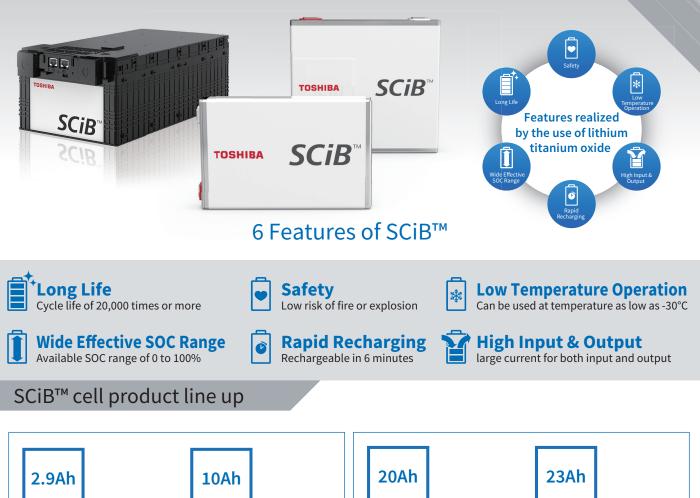
# TOSHIBA

# Toshiba Rechargeable Battery **SCiB**<sup>™</sup>



TOSHIBA SCIB"		
High power type		
Product Name	2.9Ah cell	10Ah cell
Nominal Capacity	2.9Ah	10Ah
Nominal Voltage	2.4V	2.4V
Output Performance	520W	1800W
Input Performance	410W	1500W
Dimensions	W63 × D14 × H97mm	W116 × D22 × H106mm
Weight	Approx. 150g	Approx. 510g



# SCiB<sup>™</sup> battery system

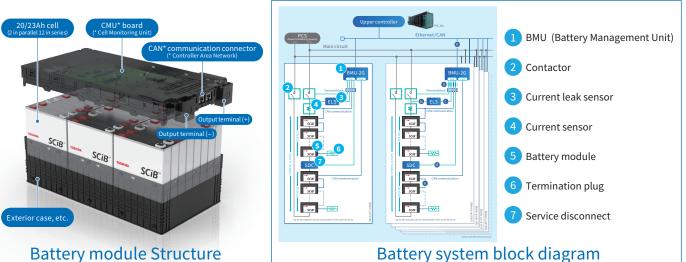




2P12S modules Type3-20 / Type3-23

Battery system components

# Battery system outline



#### 2P12S modules Type3-20 / Type3-23 specification Product name Product name Model FM01202CCA04A FM01202CCB01A Dimensions W190 × D360 × H125 mm 45Ah(1.24kWh) Nominal capacity 40Ah(1.10kWh) Weight Approx. 14kg Nominal voltage 27.6V Ambient temperature 160A (continuous), 350A (in-rush current) Maximum charge/ Ambient humidity

#### discharge current (Not over 45°C at module temperature) (No condensation) 18.0 to 32.4V Range of battery voltage Major built-in functions Cell voltage measurement, module temperature measurement, cell balancing\*, Safety Certification Module level: UN 3480 CAN communication Cell level: UL 1642/JIS C 8715-2/UN 3480 \*Function to even differences in voltage among cells connected in series

### **Safety Precautions**

• Do not use this product for facilities in which there is a risk to human life or a disruption to public functionality if the product fails or malfunctions (nuclear power generator controls, aerospace applications, traffic equipment, life support equipment, safety equipment, and others.) • This product is produced under strict quality controls, however it may malfunction depending on the operating environment and conditions. Please consider countermeasure design (redundancies, failsafe measures, etc.) if using this product in facilities in which failure of the product would be expected to cause a great loss or accident. • The operating environment must be within the range of specifications noted in the catalog and instruction manuals. Using the product outside the specified range may cause injury, are, or some other accident. •Be sure to carefully read the instruction manuals before using this product so that you can use it correctly. • Toshiba is not responsible for any loss related to malfunctions or abnormalities in equipment or devices connected to the product when the product fails or malfunctions, including losses from other secondary repercussions. • The technical information in this document is for the purpose of explaining the typical operations and applications of the product, but not for granting any license or guarantee in regard to intellectual property rights, or any other rights, belonging to third parties or Toshiba. • The product described in this document cannot be used in conjunction with products that are prohibited from production or sale by any rules, regulations, or laws in Japan or overseas. • When exporting this product separately or combined with your equipment, please be sure to satisfy the objective conditions and inform conditions listed in the export control policies, so called Catch All restrictions, which are set by the Ministry of Economy, Trade and Industry of Japan, and the appropriate export procedures must also be taken.

©Toshiba Infrastructure Systems & Solutions Corporation 2020 all rights reserved.

• The description in this catalog may change without prior notice. • The product names, etc. described in this catalog may be used as the trademarks of each company. • The product color may be different from the actual machine according to printing. • The design, specifications, components, and others may change without prior notice. • The package design presented is for catalog purpose, so the design of the actual battery will be different.

## **Toshiba Infrastructure Systems & Solutions Corporation**

Contact us: https://www.toshiba.co.jp/infrastructure/en/defense/index.htm

Approx. 15kg

-30 to 45°C

85%RH or less