



SCiB™

A New Rechargeable Battery

Toshiba's SCiB - a New Age for Rechargeable Batteries



TOSHIBA Group
ECP
<http://ecp.toshiba.co.jp>

Safety	Advanced safety features prevent thermal runaway, even if physical stress causes a short circuit.
High Power Output	High output performance, equivalent to that of an EDLC (electric double layer capacitor)
Long Cycle Life	Minimal capacity loss, even after 6,000 charge-discharge cycles.
Rapid Charging	The SCiB can be charged in about 5 minutes.
Large Usable Capacity	A wide usable SOC range assures larger actual capacity.
Cryogenic Performance	SCiB functions even at a temperature as low as -30°C.

Factor	2.27
Value Factor	1.36
Environmental Impact Reduction Factor	1.66

*Compared to conventional Lithium-ion battery

An example of SCiB application
Schwinn's Tailwind electric bike



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