

October 16, 2025  
Toshiba Corporation

## **Toshiba Launches New SCiB™ 24V Battery Pack for Automotive and Industrial Use—**

### **Driving Environmentally Conscious Mobility**

*Powering Yamaha Motor's electric boat, "e-Float Terrace," with lithium-ion technology built to handle demanding environments.*

Kawasaki, Japan – Toshiba has introduced a new SCiB™ 24V battery pack (P25H20-3), a lithium-ion solution engineered for automotive, marine, and heavy equipment sectors, that also offers the advantage of seamless replacement of conventional lead-acid batteries. This innovative product has already been equipped with "e-Float Terrace," the electric boat from Yamaha Motor Co., Ltd. (Yamaha Motor), which is scheduled to begin offering cruise experiences in Yokohama, Japan, this October.



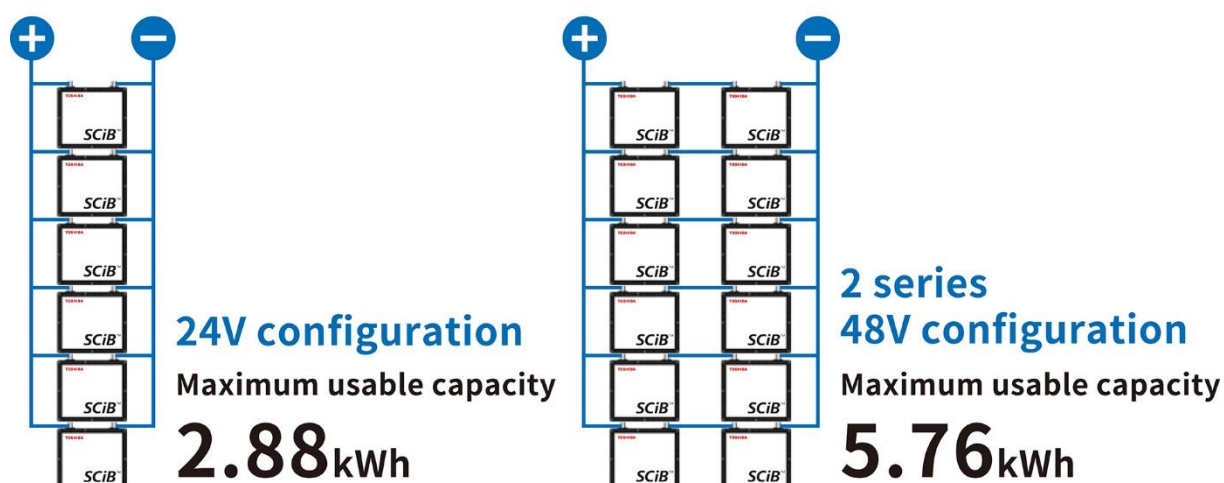
*Toshiba's new SCiB™ 24V battery pack (P25H20-3)*

While their low cost and high current output have ensured that lead-acid batteries remain widely used in vehicles and industrial backup systems, demand is rising for lithium-ion alternatives that are lighter, more efficient, with a longer service life, and fewer environmental impacts. Toshiba's new SCiB™ 24V battery pack, equipped with [20Ah-HP SCiB™ cells](#), is

expressly designed to meet the D23 size specified by the Japanese Industrial Standard for starter lead-acid batteries (JIS D 5301), enabling straightforward replacement of existing 24V lead-acid units.

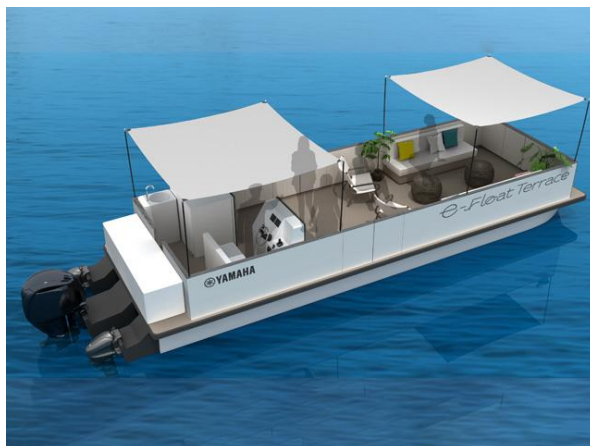
The SCiB™ 24V battery pack can be deployed as a standalone unit or configured in series and parallel—up to 2 in series and 6 in parallel (48V, 5.76 kWh)—to meet diverse power requirements. With the capability to handle high-load operations, such as engine starting, the SCiB™ 24V battery pack is suitable for use in marine vessels, commercial vehicles such as buses and trucks, and heavy equipment such as construction and agricultural machinery.

## SCiB™ 24V Battery Pack



*SCiB™ 24V battery pack (P25H20-3): scalable via series and parallel configurations, up to 5.76 kWh output.*

Yamaha Motor is using the battery in “e-Float Terrace,” electric boat designed for sightseeing. The vessel is equipped with Yamaha Motor’s proprietary HARMO electric propulsion system, powered by twenty-four SCiB™ 24V battery packs configured as two sets of 2 in series and 6 in parallel (48V, 11.52 kWh). Cruise experiences aboard the “e-Float Terrace” will begin this October, offering scenic views of Minato Mirai seafront district in Yokohama, Japan. The initiative is part of Yamaha Motor’s broader effort to promote environmentally sustainable urban tourism by electrifying next-generation mobility, decarbonizing marine transport, and enhancing the value of tourism resources.



*Yamaha Motor's electric boat "e-Float Terrace"*

"We engineer SCiB batteries for outstanding reliability in demanding environments," said Toshihiko Takaoka, Vice President, Battery Division of Toshiba Corporation. "The 24V battery pack combines excellent low-temperature performance and vibration resistance with robust waterproofing certified to the IPX9K and IPX7 standards. Its exceptional long-life performance helps reduce maintenance requirements for electric boats. To extend these advantages to more partners, we will continue to pursue further orders across marine and other applications."

SCiB™ batteries are distinguished by their high safety, long life, excellent low-temperature performance, rapid charging capability, high input/output power, and a wide usable state-of-charge range. Building on these strengths, Toshiba will continue to expand its SCiB™ product lineup and promote adoption across mobility, industrial, and energy storage fields, supporting the global shift toward cleaner, more efficient, and sustainable energy solutions.

**Power your next innovation with SCiB™.** Visit the product page to explore detailed specs of the SCiB™ 24V battery pack: <https://go4.global.toshiba/l/936503/2025-09-24/96dns>  
Send us your inquiry: <https://go4.global.toshiba/l/936503/2025-09-17/95tsj>