

July 8, 2025

The HY Battery P Series Takes the Next Stage – Enabling You to Focus on Riding!

HY93SS with newly developed SyncCell adopted as the standard battery of
Suzuki's new street bike GSX-8T/TT

ELIY Power Co., Ltd. (Head Office: Shinagawa-ku, Tokyo, Representative Director, Chairman and CEO: Hiroichi Yoshida, hereinafter “ELIY Power”) is pleased to announce the introduction of HY93SS model, which incorporates new technology from the HY battEliiy (hereinafter referred to as “HY battery”) P Series of motorcycle starter batteries that were launched in 2017.

Suzuki Motor Corporation (Head Office: Hamamatsu-shi, Shizuoka, Representative Director and President: Toshihiro Suzuki, hereinafter “Suzuki”) has decided to adopt HY93SS as the standard battery for its new GSX-8T/TT street bike. In addition, all future Suzuki motorcycle models equipped with our starter battery will have an emblem decal that identifies the battery at a glance.



New GSX-8T/TT street bike



Emblem Decal



New Model HY93SS

■ Comments from Mr.Nobuhiro Yasui

(GM of Motorcycle Powertrain Engineering Department, Suzuki Motorcycle Business Division)

We are pleased to announce our new GSX-8T/TT street bike, which is equipped a high-performance lithium-ion battery from ELIY Power. This battery is lighter in weight, has a longer service life, and with higher reliability.

We are excited that our collaboration with ELIY Power has borne fruit with GSX-8T/TT and considering installing ELIY Power batteries in our future motorcycle models, hoping to further enhance our brand power.

■ Comment from Kiyomoto Kawakami

(President and Representative Director and COO of ELIY POWER)

The HY Battery P Series is a starter battery that incorporates the technology we have developed in the field of stationary batteries. The new model HY93SS has been highly evaluated as “the battery that enables you to focus on riding”. The new model HY93SS is equipped with the newly developed SyncCell, with high safety and BMU*¹ less” that ELIY Power can achieve.

We are very honored to have the opportunity to contribute to the Suzuki brand and to be of service to Suzuki motorcycle enthusiasts. We will continue to create innovative technologies and contribute to society through collaboration between the two companies, and strive to move forward from “a battery that enables you to focus on riding” to “a battery that allows you to be absorbed in riding with no worries.”

*1 Battery Management Unit: A device that monitors and controls battery voltage, temperature, etc.

It functions to prevent over-charge and over-discharge and to maintain the voltage balance of each cell.

■ HY Battery P Series

Since its introduction in 2017 as a “lightweight, long-lasting, and highly safe starting lithium-ion battery,” more than 250,000 units have been produced and on the motorcycle market so far. Users who have been using for more than eight years have commented “the battery does not run down even if the motorcycle has not been ridden for a long time and that the engine can be started at once even in the cold winter months.” We also keep our record of zero accidents caused by battery failure. We believe that these customer’s evaluations and our solid track record are proof of our high performance and reliability.

■ Key Feature of New Model HY93SS



Product	HY93SS
Size	W112xD70xH85mm
Weight	about 900g
Nominal Capacity	4.5Ah
Nominal Voltage	12V
Usable temp. range	-10°C ~ +65°C
CCA	100A

URL : <https://www.eliypower.co.jp/products/motorcycle/hybattery-p2>

1. Highly safe and BMU-less" design made possible by our track record of zero battery-related accidents since our founding

Our newly developed “SyncCell” uses our proprietary electrolyte “Self-Syncing Electrolyte Technology”, which enables self-synchronization to the optimum voltage, even when cell voltage fluctuations occur. The BMU is a battery monitoring and control unit that prevents overcharge and over-discharge and maintains the voltage balance of each cell. Since our company was founded with the goal of promoting the use of highly safe lithium-ion batteries, we have had zero battery-related accidents, and the fact that we have achieved BMU-less batteries is proof of our high level of technology and confidence in our high safety standards.

2. Replaceable fuses for easier maintenance

The HY battery P series is equipped with a fuse to protect the battery from overcurrent, but in previous products this fuse was not replaceable. Our new HY93SS model is designed to be replaceable if the fuse is triggered, thereby improving maintainability and making it more convenient for riders.

3. Significantly lighter and smaller than lead-acid batteries

Compared to the sealed lead-acid batteries*2 conventionally used in motorcycles of the same class, the new battery weighs 1.5 kg less and is approximately 52.7% smaller in volume. Compared to our conventional product of the same capacity (HY93-C), it is approximately 17% lighter and 8.6% smaller. This contributes to smooth running performance and further weight reduction of the heavy vehicle.

※2 Reference lead-acid battery Weight : 2.4kg Volume: W151 x D106 x H88mm

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