

March 8, 2018

ELIYY Power’s HY110 Lithium-Ion Motorcycle Starter Battery Is Adopted as Standard Battery for Honda 2018 Model CRF1000L Africa Twin

Approx. 2.3kg Lighter than Lead-acid Batteries and High Performance Startup Even at Low Temperatures (-10 deg. C)

ELIYY Power Co., Ltd. (Head Office: Shinagawa-ku, Tokyo, Japan; President: Hiroichi Yoshida) today announced that its HY110 lithium-ion motorcycle starter battery has been adopted as the official standard battery for the 2018 CRF1000L Africa Twin Adventure model announced by Honda Motor Company, Ltd. (Head Office: Minato-ku, Tokyo, Japan; hereinafter referred to as “Honda”) on February 26, 2018.

In comparison with the conventional lead-acid battery used in the previous CRF1000L Africa Twin model, ELIYY Power’s HY110 contributes to reducing the weight of the motorcycle by approximately 2.3kg. Despite this significant weight reduction, the battery also demonstrates high performance startup capabilities, even at temperatures as low as -10 deg. C. The HY110 battery also has the highest rated capacity (6.0Ah) and CCA (Cold Cranking Amperage, 120A) in the HY Battery Series, and offers the greatest resistance to long-term disuse and best engine startup performance.

■ Product Appearance



HY110 Motorcycle Starter Battery

The HY110 is the third battery developed by ELIYY Power in its HY Series, a series of high-performance premium batteries which meet the requirements of safety, superior startup performance at low temperatures and long service life that are demanded for starter batteries. The series was developed using core technologies featured in ELIYY Power’s large-sized lithium-ion batteries for stationary/fixed installation use, which have achieved world-class* safety, service life and wide-ranging operating temperature characteristics.

In recognition of its status as the next-generation standard for motorcycle starter batteries, the series was awarded the 2017 Good Design Award.

*1 A safety standard certification issued by international third-party testing and accreditation house TUV Rheinland Japan Ltd. (tests conducted in accordance with Lithium-ion Cell Extreme Condition Testing Manual v.2:2011)

■ Product Specifications

Product name / model number	HY110		
Dimensions	W112 x D70 x H110 (mm)	Weight	Approx. 1.4kg
Rated capacity	6.0Ah	Rated voltage	12V
Operating temperature range	-10 deg. C to 65 deg. C	CCA	Min. 120A

[Reference Images]



CRF1000L Africa Twin Dual Clutch Transmission 2018.02.26



CRF1000L Africa Twin Adventure Sports 2018.02.26



The HY Battery Series

[Reference Links]

- 2017/6/19 ELIYY Power's Lithium-Ion Starter Battery HY85S for Motorcycle is Equipped with Honda 2018 Model CRF450R/RX as Standard
http://eliyypower.co.jp/english/vc-files/pdf/pdf_eng/20170619_Release.pdf
- 2016/10/12 Adoption of HY93 Lithium-Ion Starter Battery in Honda's Mass-Produced Motorcycles for the First Time
http://eliyypower.co.jp/english/vc-files/pdf/pdf_eng/20161012_Release.pdf

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