

## **ELIY Power Develops High Rate Battery**

### **Preparing for the mass production of new lithium-ion battery cells with high-speed recharging and discharging features**

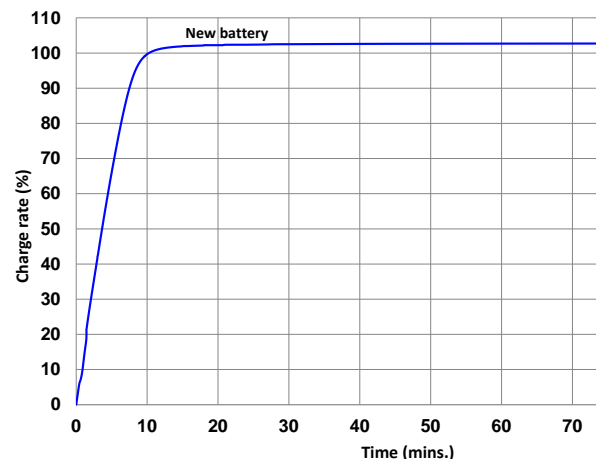
ELIY Power Co., Ltd. (Head Office: Shinagawa-ku, Tokyo, Japan; President: Hiroichi Yoshida) today announced that it had recently developed its first high rate battery with high-speed recharging and discharging features.

A high rate battery is a high input/output type lithium-ion battery that combines lithium iron phosphate and a cathode material with a high level of electric current density to support high current discharging and high speed recharging. In addition to these features, these batteries also offer the same level of safety as conventional stationary battery cells. High rate batteries are expected to be find practical use in wind power generation, moving vehicles, robots, and many other applications.

ELIY Power will start production of this new lithium-ion battery during the current fiscal year.

#### **◆ Main Features of High Rate Batteries**

- 1. High-speed recharging that reaches full charge level in 10 minutes**
- 2. Supply of electric current that is up to 30 times the rated capacity**
- 3. A wider operating temperature range than the existing stationary model to ensure operation within a broad temperature range of -30°C to 65°C**
- 4. A high level of safety without ignition or smoke during nailing, crushing, and overcharge tests**



**Recharge Curve of the new lithium-ion battery  
(at an ambient temperature of 25°C)**

ELIY Power has been working to develop and manufacture stationary large-sized lithium-ion battery cells that offer a high level of safety and a long service life. With its advanced technological strength and track record, it successfully created a high rate battery that is lighter and delivers more enhanced output performance.

Since it was established in 2006, ELIY Power has placed top priority on safety in its activities to develop technologies and products. In the future, it will continue its endeavors to develop and spread lithium-ion battery cells and electricity storage systems in accordance with its philosophy of popularizing systems for storing and consuming energy in a bid to solve global energy issues and environmental issues.

#### **◆ For inquiries, contact:**

Public Relations Dept., ELIY Power Co., Ltd.  
19th Floor, Shin-Osaki Kangyo Building (Osaki New City Building No. 4), 1-6-4 Osaki,  
Shinagawa-ku, Tokyo, 141-0032 Japan Phone +81-(0)3-6431-9043