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ELIIY Power Releases the ELIIY ONE Portable Electricity Storage System

With a capacity to recharge 20 smartphones*1

ELIIY Power Co., Ltd. (Head Office: Shinagawa-ku, Tokyo, Japan; President: Hiroichi Yoshida) today announced that it will be releasing the ELIIY ONE portable electricity storage system (Model MBU-10) in limited quantities on September 1, 2014, which is the date for Disaster Prevention Day in Japan.

In recent years, electricity storage systems were increasingly introduced in preparation for risks of power outage and other disasters following abnormal weather conditions such as typhoons and torrential rains or for the purpose of business continuity plans (BCPs) for factories and office buildings amid changes in awareness of cutting power consumption and renewable energy. Under these circumstances, ELIIY Power has developed a portable electricity storage system with two different features. One is convenience, in which it serves not only as special equipment in preparation for unpredictable disasters, but as equipment in everyday life for recharging USB devices. The other is its readiness for emergencies, since it functions as a backup power source in the case of emergency.

ELIIY Power will continue its endeavors to develop and commercialize large-sized lithium-ion batteries and electricity storage systems in accordance with the philosophy of encouraging the spread of systems that store and consume energy in a bid to resolve global energy and environmental issues.

Product Name	The ELIIY ONE portable storage system
Model	MBU-10
Storage Battery Capacity	48,500 mAh (155 Wh)
Quantity	1,000 units only

◆ **Main Features**

1. A large capacity of 48,500 mAh in a compact case and capability to simultaneously recharge multiple USB devices

   The ELIIY ONE incorporates one large-sized lithium-ion battery cell with a capacity of 48,500 mAh. With 10 USB ports, it recharges multiple USB devices at the same time. In its fully recharged state, it is capable of recharging 20 smartphones*1 (with a battery capacity of 1,500 mAh each) or seven tablets*1 (with 4,325 mAh each), or of keeping a 1.3-watt LED lighting apparatus lit for around 80 hours*2. The remaining power level is indicated by the number of flashes of the status indication lamp.

2. Functionality and design ensuring both everyday use and readiness for emergencies

   In everyday life, it stores power at night that can be used for recharging smartphones, tablets and other mobile devices. In the case of emergency, it serves as an emergency power supply. Also equipped with an LED lamp, it acts as lighting at the time of a power outage. When the accompanying hand strap is attached, it can be easily carried. Connectable with a solar panel*3,

it will work in the event of a long-term power outage.

3. A device incorporated with a large-sized lithium-ion battery cell manufactured in Japan and safety certified with the TÜV S-mark
   Introduced to this system, the large-sized lithium-ion battery cell is produced at ELIIY Power's own factory in Japan. Acquiring the TÜV-S mark*4, which certifies conformity to the safety standards issued by TÜV Rheinland, a global third party testing and certifying body, it is so safety that no smoke or ignition occurs if it is nailed.

*1 The numbers of smartphones and tablets that can be recharged are presented as rough guides in the case with a smartphone model with the battery capacity of 1,500 mAh and a tablet model with the battery capacity of 4,325 mAh.
*2 It is a rough guide in the case of using an LED lighting apparatus with the power consumption of 1.3 W.
*3 The ELIIY One may be connected with solar panels designated by ELIIY Power. The connection requires a connection cable.
*4 The mark serves as a certification with the safety standards issued by TÜV Rheinland Japan Ltd. (*Manual for Testing Lithium-Ion Cells under Severe Conditions* v. 2:2011).

◆ **Major Specifications**

Model		MBU-10
Price		To be set at retailers' discretion
Recharge Battery Type		Lithium iron phosphate ion battery
Recharge Battery Capacity		48,500 mAh (155 Wh)
Recharge-Discharge Cycles		12,000 in ten years (on condition of three cycles of full recharge and discharge per day at a room temperature of 23 deg. C)
Output	Output Voltage	5 V DC
	Output Current	1 A DC at maximum
	Output Interface	10 USB (type A) connectors
Input	Input Voltage	19 V DC
	Input Current	3.15 A DC
	Recharge Time*5	Approx. 6 hours (without any load connected)
	AC Adapter	Input voltage and frequency: 100 V AC, 50/60Hz
		Input cable: A single-phase two-wire cable with ground wire, 2.0 m long, 15 A*6
Operating Temperature Range		-10 deg. C to 40 deg. C
Exterior Dimensions		Approx. 230 mm (W) x 98 mm (D) x H152 mm (H) (excluding projections)
Product Weight		Approx. 3 kg

*5 The recharge time may vary depending on the temperature and other environmental conditions.
*6 In the event of using the AC Adapter, plug it into a power outlet with a grounding terminal.

◆ Product Appearance

◆ Example of Use

◆ For inquiries, contact:
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