



**Blue Energy's Lithium-ion Batteries used in Honda's NSX  
Adopted for innovative hybrid system SPORT HYBRID SH-AWD**

Blue Energy Co., Ltd. (President: Kenji Kohno; located in Fukuchiyama City, Kyoto; hereinafter referred to as "the Company") announced today that the lithium-ion batteries EHW5, manufactured and sold by the Company, have been adopted by Honda Motor Co., Ltd. (President: Takahiro Hachigo; Head Office: Minato-ku, Tokyo) for its new sports car NSX launched on August 25, 2016.

The new model lithium-ion battery "EHW5" is 17% lighter and 7% smaller than conventional products but offer equivalent or more capacity and output performance as well as safety and durability. It made the battery module per vehicle 20% lighter and 15% smaller.

The battery efficiently stores regenerative energy, which is collected at deceleration and supports the smooth and powerful acceleration performance by assisting the engine and the motor. The Company also achieved a quality that can satisfy the performance requirements unique to sports cars (high power and exothermic characteristic).

The Company started mass production of lithium-ion batteries from 2011 and has installed them in more than 600,000 vehicles cumulatively through May 2016, which would translate to more than 30 million cells, an impressive track record (in more than 5 years of mass production).

Blue Energy will continue to develop products steadily based on the fundamental concept of total balance focused on safety and durability, ultimately to contribute to the establishment of a green energy society.

[Specifications of EHW5 cell]

Model name	EHW5
Capacity (Ah) <sup>*1</sup>	5.0
Voltage (V)	3.6
Dimensions (mm)	L120.0×D12.5×H(case)85.0
Weight (kg)	0.229
Operating temperature range	-30°C to 55°C
Storage temperature range	-40°C to 65°C
Maximum current (A) <sup>*2</sup>	300

\*1 Capacity at charging voltage of 4.2V

\*2 Depends on the specified range of temperature and time

*Total system  
output  
~ 1 Kwhour*

[Images]

1. NSX



2. EHW5 cell and module



[Vehicles installed with the Company's lithium-ion batteries]

Vehicle name	Product name	Launched
CR-Z	EH5	Sep 28, 2012
Accord HYBRID	EH5	Jun 20, 2013
Accord PLUG-IN HYBRID	EH19	Jun 20, 2013
FIT HYBRID	EH5	Sep 6, 2013
VEZEL HYBRID	EH5	Dec 20, 2013
GRACE HYBRID	EH5	Dec 1, 2014
JADE HYBRID	EH5	Feb 13, 2015
LEGEND	EH5	Feb 20, 2015
SHUTTLE HYBRID	EH5	May 15, 2015
CLARITY FUEL CELL	EHW5	Mar 10, 2016
Accord	EHW5	May 26, 2016
New NSX	EHW5	August 25, 2016

[Profile of Blue Energy Co., Ltd.]

Company name	Blue Energy Co., Ltd.	
Established	April 1, 2009	
Location	1-37, Osadano-cho, Fukuchiyama City, Kyoto	
Capital	7.5 billion yen	
Investors	GS Yuasa International Ltd.	51%
	Honda Motor Co., Ltd.	49%
Business	Manufacture, sale, research and development of high-performance lithium-ion batteries	