

PowerX Delivers First Battery-Powered 'Hypercharger' to Audi Japan Dealer Network

PowerX, Inc. (Head Office: Minato, Tokyo, Japan; Director, President & CEO: Masahiro Ito, hereinafter PowerX) and Audi Japan (Head Office: Shinagawa, Tokyo; Brand Director: Matthias Schepers) have installed the first battery-integrated ultrafast EV charger "Hypercharger" at Audi Hachioji, an authorized Audi dealer in the outskirts of Tokyo. With this installation, the dealer can now provide electric vehicle charging services utilizing renewable energy, contributing to the realization of a decarbonized society while enhancing convenience for customers using the charger.



Audi Hachioji is the first Audi dealer in Japan to adopt "Hypercharger," a product developed and manufactured by PowerX, branded as the "Audi Ultra Charger." The standard model of "Hypercharger" features two CHAdeMO ports, enabling simultaneous rapid charging for up to two electric vehicles. It delivers a peak output of 150 kW for single-vehicle charging and a maximum of 120 kW per vehicle, totaling 240 kW when charging two vehicles simultaneously. The charger comes equipped with a 358 kWh high-capacity battery that harnesses electricity from the 49.5 kW solar panel arrays installed on the store's rooftop. This innovative setup stores clean energy during periods of low demand and provides ultra-fast charging during peak demand hours.

PowerX announced its partnership with Audi Japan on January 20, 2023, unveiling plans to supply battery-powered ultrafast EV chargers across the nationwide Audi dealer network. The companies are committed to accelerating the rollout, aiming to deploy 19 units by the end of 2023 and an additional 30 units in the first half of 2024.

About Audi Japan

Company Name: Volkswagen Group Japan Co., Ltd. Audi Japan Business Unit

Address: 4-7-35, Kita Shinagawa, Shinagawa-ku, Tokyo, Japan

Brand Director: Matthias Schepers

Website: <https://www.audi.co.jp/>

About PowerX

Company Name : PowerX, Inc. (株式会社パワーエックス)

Representative : Masahiro Ito (Director, President & CEO)

Head Office : Midtown Tower 43F, Akasaka 9-7-1, Minato City, Tokyo, Japan

Main Business : R&D and Production of Energy Storage System Solutions and Power Transfer Vessels, EV Charging Station Service, Renewable Energy and Power Supply Business

URL : <http://power-x.jp>

Reference Information

PowerX's battery-powered ultrafast charger "Hypercharger"



"Hypercharger" is among the fastest class of ultrafast EV chargers in Japan, achieving a reduced load on the power grid and flexible installation location by equipping a large-capacity battery that equals the capacity of five typical EVs (with an onboard battery capacity of 70kWh each). The system's peak output is 240 kW, offering a maximum of 150 kW with one port and 120 kW per port with both ports in use. For the Audi e-tron GT, roughly 150 km of range can be charged swiftly in just 10 minutes.

[Specifications]

Product Model Number: HC0358

Battery Capacity: 358 kWh (Rated)

Input Voltage: 50 kVA (200/400V Three-Phase)

Number of Charging Ports: 2 Ports

Charging Method: CHAdeMO 2.0.1; 1.x; 0.9

Continuous Output: 120 kW continuous charging with two ports used simultaneously

120 kW continuous charging after boost mode when only one port is used

Peak Output (up to 10 minutes): 150 kW charging (10 minutes) in boost mode when only one port is used

Certifications: NFPA855; UN38.3; UL1973; UL5440A; IEC62619; UL1973; IEC62619; JIS8715; IEC62933; IEC62477-1; UL9540A; IEC61000-6-2/4; IEC 55011; 61000-2; 61000-4