

Press Release

November 19, 2012

Power Charge Station for Electric Vehicles Established at Iga Campus

This is to announce that we, Mori Seiki have established the power charge station for electric vehicles at the Iga Campus.

The station manufactured by our German partner Gildemeister was established in the Mori Seiki Energy Solution Park where a wind power generator (WindCarrier) and a redox flow battery (CellCube) had already been installed. The station is capable of charging up to six electric vehicles at the same time. The video for promoting renewable energy is played on the central monitor of the station, and the amount of CO² to be reduced by every charge is displayed on the right and left monitors.

The station will be mainly used for company (Iga Campus)-owned cars: an electric vehicle (EV), Nissan Leaf and a plug-in hybrid car (PHV), Toyota Prius. The employees are also allowed to use the station to charge their commuter cars. It takes about 6.5 hours for the Nissan Leaf and 1.2 hours for the Toyota Prius to be fully charged at the station, which is approximately 1.2 times faster than ordinary EV charging methods.

The station also plays a role as a power supplier at the time of disaster, which enable us to respond well to disasters. We will continue to mitigate environmental burden by making the most of the renewable energy that is generated by the WindCarrier, stored in the CellCube and supplied at the power charge station.

■ Power Charge Station (E-filling station)

Body dimensions: 5,350 mm x 2,000 mm x 2,600 mm (height)

Weight: Approx. 1,500 kg

Foundation dimensions: 6,606 mm x 6,930 mm

Roof height: 3,523 mm



Power charge station



From left: Wind power generator (WindCarrier)
Redox flow battery (CellCube)
Power charge station (E-filling station)

森精機 エナジーソリューション パーク

Mori Seiki Energy Solution Park

DMG MORI SEIKI
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