

G2smart Solution

Energy management solution for electric vehicles charging stations

G2smart smoothes the charging point consumption with peak shaving and load shifting, so that the EVs (Electric Vehicles) get charged mostly during off-peak hours.

It also measures the electric capacities of the building, taking the constraints of the user into



Dynamic Energy Management and Monitoring System for EV charging stations

account, to adapt in real time the power given to the EVs. During the day, the more the building needs energy, the less the EVs are given energy. On the meantime, the needs of the driver are included: EVs will be charged to hit the road. With this innovation, the administrator reduces his energy bill and avoids major works when setting up his charging station. The building does not need significant electric capacities: this innovation mixes electric mobility and smart grids to integrate charging stations without impacting on the environment.

On G2smart web portal, the administrator can manage charging points remotely (charge point booking, energy metering, access to CSR data...).

G2smart is compatible with all OCPP compliant charging points.

Key selling point(s): Dynamic Smart Charging, Multi-brand compatible, Evolutionary

Key market(s): Energy, Digital Cities, Enterprise Information Systems, Smart Grid, Smart City

Main customer(s): La Poste, ENEDIS, CEA, Bouygues Energies et Services, Accenture, CBRE, SNCF, Société Générale, Crédit Agricole

Systematic R&D project(s): SCE

Competitiveness cluster(s) co-labeling: S2E2



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Annual revenue: 6 M€

Head count: 26 employees