

WE PROVIDE CENTRALIZED, HIGH SPEED NETWORK, COMMERCIAL DISTRIBUTED, RESIDENTIAL VERTEX TYPE EV CHARGING SYSTEM SOLUTIONS

OOM's Major Solutions for EV and Mobility solutions :

A. CHARGING PILE EQUIPMENT

Charging pile features highly intelligent integration, safe payment, smart grid dispatching, real time video security monitoring. The power module adopts international most advanced three level full soft switching technology providing best stability and facility switching efficiency. The product performance is brilliant.

For higher economic efficiency and better operation service, we provide centralized, high speed network, commercial distributed, residential vertex type EV charging system solutions.

B. PV ON-GRID INVERTER

PV on-grid inverter series products cover power range from 3KW-1260KW and can satisfy requirement of all kinds PV power plant. Its' brilliant performance and stability makes it suitable for high temperature, high humidity, high altitude, high salt & foggy. These inverters passed the authentication of CQC, TUV, CE, UL, VDE, SAA & IEC and sold well in German, Australia, Brazil and other countries.

C. MICRO GRID FACILITY

We have independent research and developed energy storage converter which has a number of domestic advance technology including ON/OFF grid double mode operation, seamless switching, multi machine parallel connection, capacity expansion, 100%unbalanced load. Our inverter products passed CQC, ZVRT (Zero voltage through test), TUV certificate and obtained many inventions and patents that filling the blank of domestic technologies. Research and demonstration project of smart micro grid key technology based on distributed energy were already deployed.

D. OTHER PRODUCTS

Moreover, our smart PV combiner box, solar charge controller have been widely applied in many domestic and abroad projects.

- Quality commitment
- Service commitment

PRODUCT INTRODUCTION:

CHARGING STATION SOLUTION

New energy vehicle's needs "SOLAR-STORAGE-CHARGING" integrated charging station with the principle of "grid as base, solar storage as assistance".

Major Components: Environmental system i.e. Intelligent terminal, Office buildings, Parking lot monitor system /Home monitoring system, Electric bus, The electric car, Security system, The power distribution system and Charging system (Photovoltaic module, Photovoltaic inverter, Energy storage tank, The charging rack, Floor type charger, Dc charging pile / Ac charging pile / Wall charging pile, The public power grid, Ac power distribution, Energy storage converter, Monitoring management, Cloud server, GPRS, RS485, GPRS/Ethernet, The phone APP, The billing system etc.)

A. URBAN AREA CENTRALIZED CHARGING STATION SOLUTION is suitable for the existing bus terminals and big parking lots around city and surrounding area. The core advantages are safety, reliable, energy saving, environment protection, effective and convenient charging.

B. COMMERCIAL DISTRIBUTED CHARGING STATION SOLUTION is suitable for hotel, hospital, office area parking lots and commercial parking lots. The core advantages are convenient billing, safety, reliable, high efficiency charging and mobile phone APP order guidelines.

By utilizing comprehensive parking lots like hotel, supermarket, company office area around city and surrounding area, it is helpful to extend to area that centralized charging station can't touch. According to distributed layout of different commercial scene, retrofitting charging facility on the base of existing parking space can effectively relieve the pressure of centralized charging station and solve the problem of "hard to find a pile".

C. HIGH SPEED NETWORK CHARGING STATION

High Speed Network Charging Station solution is suitable for Inter City Expressway and highway. With the rapid development of the new energy EV, the demand of EV users is not only limited in city travel and working trip. In order to guarantee continuity of charging demand and open the security line between Inter City Expressway and high way, it is necessary to build charging station along them as net. The core advantages are structure optimization, reasonable layout, fast charging and mobile phone APP guidelines.

TECHNOLOGY SPECIFICATIONS

A. AC CHARGING PRODUCTS

AC charging pile is mainly focused on providing AC charging power for EV. It adopts advanced flush-bonding control technology. Multi billing methods and smart management can meet the latest national charging standards. It can realize overcurrent protection, short circuit protection, electricity leakage protection and emergency shutdown. Friendly human-computer interface, simple operation, strong environment adaptability, good reliability and stability are its' core advantages.

B. DC CHARGING PRODUCTS

Functions similar at AC charging it has options of Single gun DC charging pile / Double gun DC charging pile / Split type



EV Charging Station

Integrated Intelligent Solutions for all Applications

Stand Alone Residential Charging

Urban Commercial Charging

Highway High-Speed Network Charging

Solar

Public Grid

AC Power Distribution

AC Charging pile

DC Charging pile

Cloud Server

Monitoring Management

GPRS

RS 485

Phone App

Intelligent Terminal

The billing system

Charging system

Surveillance system

Security system

Distribution system

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Towards a greener tomorrow