

AMPPAL

d.o.o.
DOBRATEH



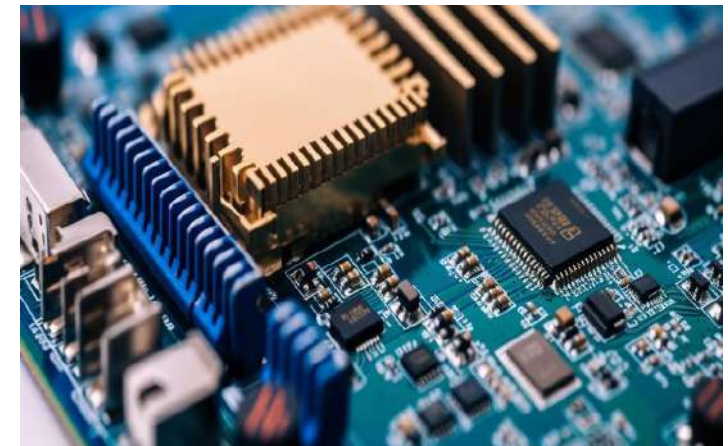
- Secure Charging, Empower the Future -

Certifications & Patents



Vertically Integrated Supply Chain

Cost Advantages, and quick response to customer needs



FANUC Flexible Manipulator + TRUMPF Fully Automatic Sheet Metal Production Workshop

Production capacity of DC charging stations 50,000. AC charging stations 1,000,000.

EV Chargers

2024 DOBRATEH, d.o.o. (Slovenia), a workshop for assembling charging stations was established in the EU



EV Chargers

AC Charging stations with DLB (Dynamic Load Balancing)



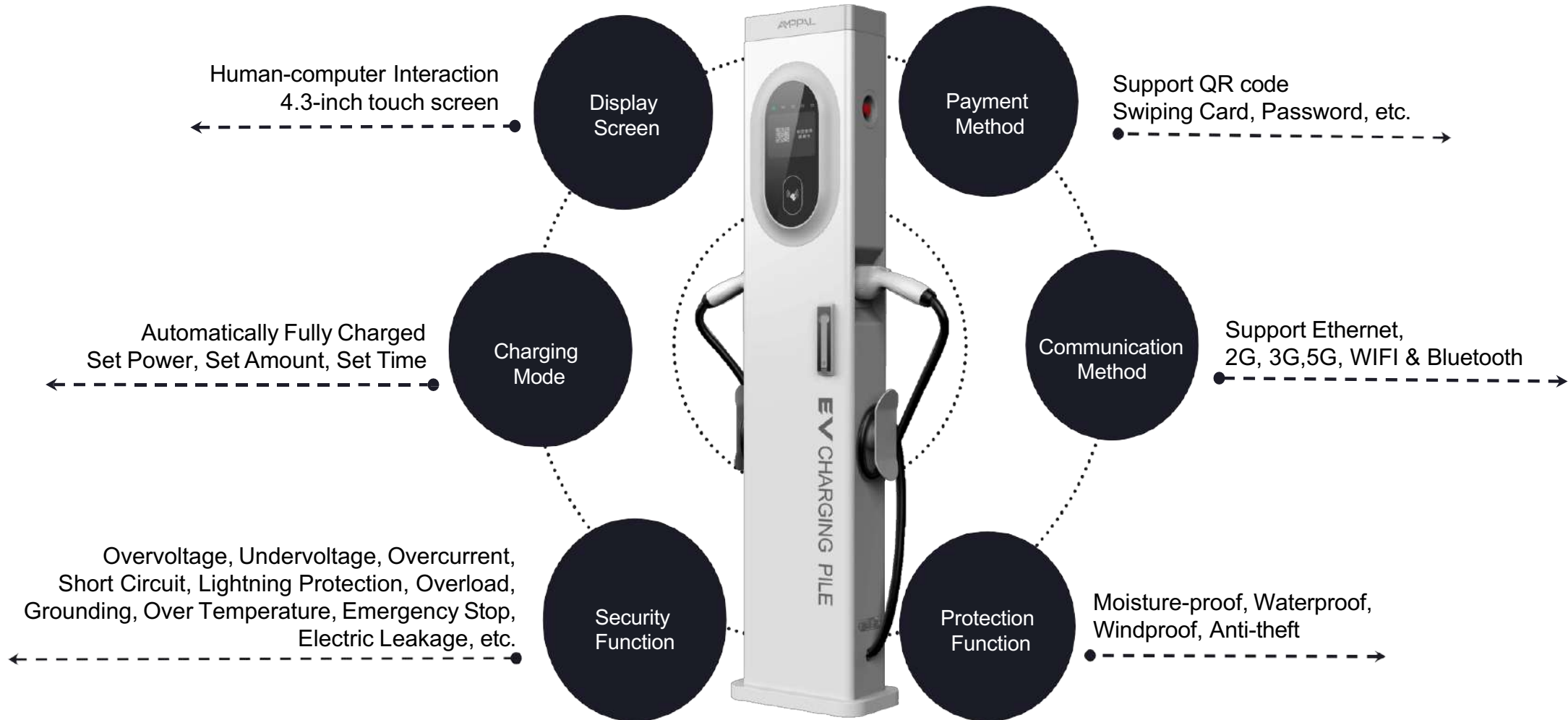
3.5/7KW
AC Charging Station



20/30KW
DC Charging Station

AC Charging Station

7kW ~ 44kW



DC Charging Station

60kW ~ 240kW



Modular structure design

- support power upgrade scheme

Human-computer interaction interface design

- guides users through a large-size touch screen, with simple operation.
- support video and picture advertisement playback

Security protection

- emergency stop, overvoltage, overcurrent, short circuit, leakage,
- lightning protection and other protections

DSP control technology

- high reliability, high maintainability and high efficiency

EV Charging Station

DC 60kW + AC 22kW

**Support
POS. Machine**



Modular Structure Design

- Support power upgrade scheme

Human-computer Interaction Interface Design

- Guides users through a large-size touch screen, with simple operation.
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Security Protection

- Emergency stop, overvoltage, overcurrent, short circuit, leakage,
- Lightning protection and other protections
- IP54

DSP Control Technology

- High reliability, high maintainability and high efficiency

Payment Method

- Free Charge, RFID, APP, NFC
- Credit Card by swiping POS. machine

Protocol

- EVSE to EV, ISO 15188, DIN 70121
- EVSE to Backend, OCPP1.6J

Dual Guns

- CCS2 x 1pc
- Type 2 x 1pc

New Product 1: Flexible C charging Stack Air Cooling

360~960KW



Max. support 24 terminals

1 Multiple Protection

Safety redundancy design is adopted, BMS coordinates work, actively monitors BMS operating status, battery characteristic parameters, and charger's own operating status, and proactively diagnoses and handles faults and abnormalities.

2 Flexible Configuration

Through the data of BMS and the battery characteristic data detected by the charger itself, according to the flexible charging model, the charging strategy is dynamically adjusted to realize the flexible charging of the battery.

3 Efficient refrigeration

the cooling system uses coolant pumps, radiators, coolants, and coolant tanks to achieve significant cooling effects

New Product 2: Flexible Charging Stack Liquid Cooling

**360~960KW
Supercharged**



**Max.600A
one second one km**

1 Ultra-high power

high-power fast charging, the maximum current can reach 600A using liquid-cooled cables and liquid-cooled charging guns

2 Safety protection

multi-level system temperature protection, monitoring of liquid supply, liquid return and gun temperature to ensure charging safety

3 Efficient refrigeration

the cooling system uses coolant pumps, radiators, coolants, and coolant tanks to achieve significant cooling effects

4 Intelligent interaction

indicating the gun insertion status and charging status, providing a good human-computer interaction experience.

Charging Station Display

Bus Station



Shopping Mall



142kW Integrated
AC/DC Charging Station



Residential area



Parking



Charging Station Display

Parking Station



Future Ark Electric VE
Charging Station



120KW
Integrated DC Charging Station



Parking Station



Olympic Sports Stadium
Charging Station



Charging Station Display

Dedicated DC Charger for EV Bus and EV Car



Charging Station Display

Dedicated DC Charger for logistics heavy trucks



Dedicated fast charging station for logistics heavy trucks.
Achieving 320kW integrated dual-gun DC chargers

PV Storage and Charging Station

Integrated PV + ESS+ CS Solution Provider



Total power load capacity of 3200kva, including 72 fast charging guns, 1 super-fast charging, 4 charging stack terminals and 28 AC charging guns.

The first demonstration photovoltaic storage and charging integrated charging station invested by a private enterprise in Zhejiang.

OEM/ODM Partners

