



Single Phase

7 kW/32A

AP07N-EU

Three Phase

22 kW/32A

AP22N-EU

Preliminary



Green Power Preferred

Power Your Car with Fully Sunshine
Make EV even Greener



3 to 1 Phase Switch

Automatic Switch during Charging
More Usable Green Power



One-fits-all APP

Full Control Through One APP
E-Lock Control for Anti-theft



Load Balancing

Automatic Detection and Balancing
No Worry about Power Tripping



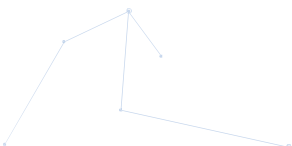
3 Steps Click-in

16 mins Fast Installation
Wiring-free Maintenance



Standalone Applicable

Scheduled Charging Support
Full Power Charging Support



FusionCharge AC
Technical Specification

| Technical Specification | AP07N-EU | AP022N-EU |
|-----------------------------------|--|--------------------------------|
| Inputs and outputs | | |
| Charge power | 1.4 kW to 7 kW (configurable) | 1.4 kW to 22 kW (configurable) |
| Nominal voltage | 230V(1-phase) | 400V(3-phase) |
| Nominal current | 32A single-phase | 32A three-phase |
| Nominal frequency | 50Hz/60Hz | |
| Vehicle connection | Type 2 SOCKET | |
| Mains supply types | TN, TT, IT | TN, TT |
| Communications | | |
| Wi-Fi / Ethernet | Yes | |
| RFID (ISO-14443 A) | Yes | |
| RS485 | Yes | |
| Protection | | |
| Residual current protection (RCD) | Type A + DC 6mA integrated | |
| Overcurrent protection | Yes | |
| Residual current protection | Yes | |
| Surge protection | Yes | |
| Over/under-voltage protection | Yes | |
| Over/under-frequency protection | Yes | |
| Over/under-temperature protection | Yes | |
| General Specification | | |
| Operating temperature range | - 35 ~ + 55°C | |
| Application environment | Outdoor / Indoor | |
| Storage temperature | - 40 ~ + 70°C | |
| Relative humidity | 5% RH - 95% RH | |
| Altitude | ≤2000m | |
| Dimensions (W x D x H) | 180mm*145mm*335mm | |
| Weight | 3kg | |
| Installation mode | Wall-mounted and installed on the floor with columns | |
| Enclosure degree | IP54 | |
| Impact protection level | IK10 | |
| Metering | 2% | |
| Status indication | Standby, charging, fault, and upgrade | |
| Standby Self-consumption | <8W | |

Standard Compliance (more available upon request)

Certificate

CE, RoHS 2.0, IEC 61851-1, IEC 62196-2

SOLAR.HUAWEI.COM/EU/