



Single Phase

**7** kW/32A

AP07N-EU

Three Phase

**22** kW/32A

AP22N-EU



## 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



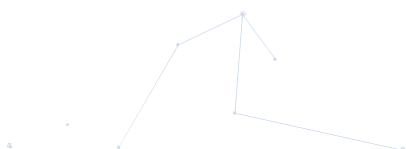
## 3 Steps Click-in

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/