



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

Preliminary

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

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