

# 7KW AC Charger SPECIFICATIONS

**High efficiency, reliable and stable performance**



## Applicable Scenes

They are suitable for occasions such as private villas, residential areas, commercial office buildings, urban complex parking lots or urban public charging stations that can charge slowly for a long time; or applied for 4S stores of new energy vehicles, workshop debugging areas, road rescue of new energy vehicles and other occasions that require frequent change of charging station sites or temporary power supply.

## Features

-  Convenient installation: Wall mounted;
-  High efficiency, reliable and stable performance;
-  Support 4G/WIFI/APP;
-  Support IEC62196-2 Type-2 connector;
-  Overload integrated Protection;
-  Adopt flame retardant ABS housing.

## Size & Length

| Cabinet size(L*W*H)(mm) | Cabinet weight(kg) | Wooden box packing size(L*W*H)(mm) | Gross packing weight(kg) | Cable length(m) |
|-------------------------|--------------------|------------------------------------|--------------------------|-----------------|
| 378*258*165             | 4                  | 400*300*300                        | 5                        | 5               |

# Technical Data

| S. NO.                                | Parameters                        | Requirements                                                                                                                                            |
|---------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Requirements                  |                                   |                                                                                                                                                         |
| 1                                     | Charger Capacity                  | 7KW                                                                                                                                                     |
| 2                                     | Model No.                         | ENC-ACB007A                                                                                                                                             |
| Input Requirements                    |                                   |                                                                                                                                                         |
| 3                                     | AC Supply System                  | Single-Phase, 3 Wire AC system                                                                                                                          |
| 4                                     | Nominal Input voltage             | AC220V±15%                                                                                                                                              |
| 5                                     | Input frequency                   | 50/60Hz                                                                                                                                                 |
| Environmental Requirements            |                                   |                                                                                                                                                         |
| 6                                     | Ambient Temperature Range         | -25 to 55°C                                                                                                                                             |
| 7                                     | Ambient Humidity                  | 5 to 95%                                                                                                                                                |
| 8                                     | Storage temperature               | -40 to 70°C                                                                                                                                             |
| Mechanical Requirements               |                                   |                                                                                                                                                         |
| 9                                     | IP Ratings                        | IP 55                                                                                                                                                   |
| 10                                    | Cooling                           | Natural Cooling                                                                                                                                         |
| Output Requirements                   |                                   |                                                                                                                                                         |
| 11                                    | Number of outputs                 | 1                                                                                                                                                       |
| 12                                    | Type of each output               | AC220V±15%                                                                                                                                              |
| 13                                    | Output Current                    | Max.32 Amp                                                                                                                                              |
| 14                                    | Output Connector Compatibility    | IEC 62196 2017, IEC 61851 2017, etc.                                                                                                                    |
| 15                                    | Connector Mounting                | Indoor use                                                                                                                                              |
| User Interface & Display Requirements |                                   |                                                                                                                                                         |
| 16                                    | Emergency stop switch             | Support                                                                                                                                                 |
| 17                                    | Display                           | 4.3inch touch screen                                                                                                                                    |
| 18                                    | User Authentication               | APP                                                                                                                                                     |
| 19                                    | Metering Information              | Consumption Units                                                                                                                                       |
| Communication Requirements            |                                   |                                                                                                                                                         |
| 20                                    | Metering                          | Grid responsive metering as per units' consumption of each vehicle                                                                                      |
| 21                                    | Interface between charger and CMS | Ethernet/4G/WIFI                                                                                                                                        |
| Protection & Safety Requirements      |                                   |                                                                                                                                                         |
| 22                                    | Safety Parameters                 | Over Current, Over Voltage, Under Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc. |