

# EVD-40S

# EVD-40D

Large capacity fast DC EV charging station for public use, CCS Type 2 plug, CCS/CHAdeMO plugs(Only for EVD-40D) .



## Features



Programmable charging mode



7 inch touch screen



Comprehensive protection



EU and Jap standard



Multiple communication modes



Flexible installation



POS payment terminal

\*Reserved installation space and power supply provided.

| Model                        | EVD-40S                                | EVD-40D |
|------------------------------|----------------------------------------|---------|
| Input & Output               |                                        |         |
| Input voltage range          | 320~457V AC                            |         |
| Rated input voltage          | AC400V(3P/N/PE)                        |         |
| Rated input current          | AC64A                                  |         |
| Rated frequency              | 50Hz                                   |         |
| DC plug type                 | CCS Type 2(default), CHAdeMO(opt)      |         |
| Output voltage range         | CCS:DC 150~1000V   CHAdeMO: DC150~500V |         |
| Rated power                  | 40kW                                   |         |
| Max. output current          | CCS:DC100A, CHAdeMO: DC100A            |         |
| Voltage accuracy             | ≤±0.5%                                 |         |
| Current accuracy             | ≤±1%(at 20%-100% of rated power)       |         |
| Voltage-regulating accuracy  | ≤±0.5%                                 |         |
| Current-regulating accuracy  | ≤±1%                                   |         |
| Ripple coefficient           | RMS: ±0.5%; Peak: ≤±1%                 |         |
| Metering accuracy            | Class 0.5                              |         |
| Efficiency                   | >94%                                   |         |
| Cable length                 | 5m                                     |         |
| Protection                   |                                        |         |
| Over voltage protection      | Yes                                    |         |
| Under voltage protection     | Yes                                    |         |
| Over current protection      | Yes                                    |         |
| Over load protection         | Yes                                    |         |
| Over-temp protection         | Yes                                    |         |
| Emergency protection         | Yes                                    |         |
| Lightning protection         | Yes                                    |         |
| Function & Accessory         |                                        |         |
| Display                      | 7 inch touch screen                    |         |
| Ethernet/WIFI/4G             | Yes/Yes/Opt                            |         |
| Charging mode                | APP/RFID(opt)/Plug and Charge          |         |
| Intelligent power adjustment | Yes                                    |         |
| PV linkage                   | Yes                                    |         |
| Load balancing               | Yes                                    |         |
| Indicator                    | Yes                                    |         |
| OCPP                         | 1.6JSON                                |         |
| Working Environment          |                                        |         |
| Ingress Protection           | IP54                                   |         |
| Operating temperature        | -25℃ ~+50℃                             |         |
| Relative humidity            | 5-95% non-condensing                   |         |
| Maximum altitude             | 2000m                                  |         |
| Cooling                      | Forced air cooling                     |         |
| Standby power consumption    | <30W                                   |         |
| Noise emission               | ≤65db                                  |         |
| Mechanical                   |                                        |         |
| Dimension (W/H/D)            | 632/858/300mm                          |         |
| Weight                       | 82kg                                   | 93kg    |
| Certificate                  |                                        |         |
|                              | CE RCM                                 |         |