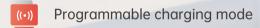
## **EVD-20S**



4.3 inch screen/opt

Flexible installation

EU standard



- Gomprehensive protection
- Multiple communication modes
- POS payment terminal
  \*Reserved installation space and power supply provided.

| Model                       | EVD-20S                                 |
|-----------------------------|---|
| Input & Output              |   |
| Input voltage range         | 320~450V AC                             |
| Rated input voltage         | AC400V(3P/N/PE)                         |
| Rated input current         | AC32A                                   |
| Rated Frequency             | 50Hz                                    |
| DC plug type                | CCS Type 2                              |
| Output voltage range        | DC150~1000V                             |
| Rated power                 | 20kW                                    |
| Max. output current         | DC50A                                   |
| Voltage accuracy            | ≤±0.5%                                  |
| Current accuracy            | ==0.0% ≤±1%(at 20%-100% of rated power) |
| Voltage-regulating accuracy | ≤±0.5%                                  |
| Current-regulating accuracy | ==0000<br>≤±1%                          |
| Ripple coefficient          | RMS: ±0.5%; Peak: ≤±1%                  |
| Metering accuracy           | 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                     | 4.3 inch screen/Opt                     |
| Ethernet/WIFI/4G            | Yes/Yes/Opt                             |
| Charging mode               | APP/RFID(opt)/Plug and Charge           |
| Indicator                   | Yes                                     |
| OCPP                        | 1.6JSON                                 |
| Working Environment         |   |
| Ingress Protection          | IP54                                    |
| Operating temperature       | -25°C ~+50°C                            |
| Relative humidity           | 5-95% non-condensing                    |
| Maximum altitude            | 2000m                                   |
| Cooling                     | Forced air cooling                      |
| Standby power consumption   | <20W                                    |
| Noise emission              | <65db                                   |
| Mechanical                  |   |
| Dimension (W/H/D)           | 450/670/206mm                           |
| Weight                      | 38kg                                    |
| Certificate                 |   |
|                             | CE RCM                                  |