

# DR series



getting ready in 10/E



getting ready in 12/E

# 10kW/20kW Roadside Assistance DC Charger

## Features

- Designed for roadside assistance emergency EV charger
- User friendly interface-parameter setting through IPC touch screen
- Display screen to show charging voltage · current and BMS SOC information
- Comply with new GB/T 20234.1-2015 & GB/T 20234.3-2015 & CHAdeMO & IEC61851 standards
- 12kWh LiFePO4 battery separated pack 10kW DC quick charger
- Energy storage to provide 3.5kW back-up AC output power
- Built-in emergency stop, input/output OCP/OVP/UVP
- Built-in auxiliary power to provide 12V charging needs
- Integrated design with 4 wheels for easy moving



## Applications

- Highway gas / service station
- Parking garage
- EV dealer workshops
- Commercial fleet operators
- EV infrastructure operators and service providers



| Category                 |                            | DR series                      |
|--------------------------|----------------------------|--------------------------------|
| Model No.                |                            | DR10                           |
| AC Input                 | Input Rating               | 220Vac ±15%                    |
|                          | Max. Input Power           | 3.5kW                          |
|                          | Frequency (Hz)             | 50 / 60                        |
|                          | Power Factor               | >0.95 @ full load              |
|                          | Efficiency (%)             | >92%                           |
| DC Output                | Output Voltage Range       | 150Vdc ~ 500Vdc                |
|                          | Max. Output Current        | 3~20A                          |
|                          | Max. Output Power (kW)     | 10kW                           |
| User Interface & Control | Display                    | 10.4" IPC                      |
|                          | Push Buttons               | Emergency stop                 |
| Communication            | External                   | RS485                          |
| Environmental            | Operating Temperature (°C) | -10 ~ 50                       |
|                          | Humidity (%)               | 5% ~90% RH , non-condensing    |
|                          | Altitude (m)               | ≤ 2000                         |
|                          | IP Level                   | IP 54                          |
| Mechanical               | Dimension (WxDxH mm)       | 700x620x1010                   |
|                          | Weight (kg)                | 260kg (with 12kWh battery)     |
|                          | Cable Length (m)           | 5                              |
| Regulation               | Certificate                | CHAdEMO & IEC61851 & GB/T20234 |