

# V2G DC Charger 20kW, Wall-Mounted

 Datasheet

2025



Intertek



 **Reliable**

Product  
Reliability

99%

 **Cloud Enabled**

Monitoring  
& Assistance











24/7







 **Built To Last**

Service  
Life

10Y

## Key Features

-  Single tethered connector
-  Remote software updates and diagnostics
-  Seamless integration with OCPP 1.6J/2.0/2.0.1 protocol
-  Supports multiple payment options — app, RFID, credit card, and smartphone payments
-  Rapid charging
-  Three-phase connection
-  Supports multiple output options: CCS1, CCS2 and CHAdeMO
-  7" LCD Touch Screen and 32" LCD Colour Screen
-  3-year warranty with an optional 2-year extension
-  Approved for OZEV grant eligibility

|  |                          |  |
|--|--------------------------|--|
|  CHARGING MODE       | AC Input                 | 380/400VAC   |
|  | Rated Output Power       | 20kW Three-phase   |
|  | FLA II Breaker Rating    | 36A / 63A  |
|  | Connector Options        | CCS2   |
|  | Maximum Power            | 22kW   |
|  | Output Voltage           | 150-1000VDC  |
|  | Output Current           | 0 ~ 73.3A  |
|  | Efficiency               | ≥ 94% at nominal output power  |
|  | Charging Protocol        | ISO 15118, DIN 70121   |
|  | Length of Charging Cable | 5m   |
|  DISCHARGING MODE    | DC Input (V)             | 300-1000VDC  |
|  | AC Output (A)            | 45A Max  |
|  | AC Output (V)            | 380/400VAC   |
|  | Efficiency               | ≥ 94% at nominal output power  |
|  | Discharging Protocol     | ISO 15118 - 20   |
|  ENVIRONMENT        | Operating Temperature    | -20°C to 55°C  |
|  | Protective Class         | IP54   |
|  OTHER             | Access Control           | ISO/IEC 14443A/B   |
|  | Dimension (W X D X H)    | 690mm x 340.6mm x 700mm  |
|  | Weight                   | 78kg   |
|  | Display                  | 7" Touch Screen  |
|  | Communication            | Ethernet, Wi-Fi, 4G  |
|  | Interface Protocol       | OCPP 1.6J/2.0/2.0.1  |
|  ELECTRICAL SAFETY | AC Port Protection       | OVP (optional), UVP (optional), OCP, OPP, SPD, OFP, UFP, Anti-Islanding Protection     |
|  | DC Port Protection       | OCP, OVP, UVP, OTP, SCP, IMD   |
|  REGULATIONS       | Compliance               | IEC 61851-1, IEC 61851-23, IEC 61851-21-2<br>EN 50549-1:2019/AC:2019, EN 50549-10:2022 |
|  | Certificate              | CE   |