



**Robust  
enclosure**



**Embedded Load  
Management**



**Advanced  
connectivity**

# eVolve Smart

The perfect combination of durability,  
design and communication

Charging status LED indicators on side

Embedded Load Management  
allowing dynamic power balance  
of up to 6 chargers

AFIR-compliant due to its flexible  
authentication methods: Dynamic QR  
code and contactless payment terminal

Simultaneous Charge of 2 EVs  
(Up to 22 kW per plug)

Front opening for easier maintenance



Robust **Aluminium** housing

All electrical protections  
included

Multi-language **7-inch screen**  
allowing to display **Dynamic  
QR** codes and **eReceipts**

**Reduced footprint** allows  
installation next to a wall or  
back-to-back with another charger

Interactive **buttons**

|                                           | S                           | T                                                                                                                                                                                                        |                                          |
|-------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Power Supply & Electrical Characteristics | AC Power supply             | 1P + N + PE                                                                                                                                                                                              | 3P + N + PE                              |
|                                           | AC Input voltage            | 230 V <sub>AC</sub> +/- 10%                                                                                                                                                                              | 400 V <sub>AC</sub> +/- 10%              |
|                                           | Maximum input current       | 64 A                                                                                                                                                                                                     | 64 A                                     |
|                                           | Maximum input power         | 14,7 kW                                                                                                                                                                                                  | 44 kW                                    |
|                                           | Maximum output current      | 2 x 32 A                                                                                                                                                                                                 | 2 x 32 A                                 |
|                                           | Maximum output power        | 2 x 7,4 kW                                                                                                                                                                                               | 2 x 22 kW                                |
|                                           | Frequency                   | 50 Hz / 60 Hz                                                                                                                                                                                            |                                          |
| Connectivity & Communication              | Ethernet                    | 10/100 BaseTX (TCP/IP)                                                                                                                                                                                   |                                          |
|                                           | Wi-Fi                       | Wi-Fi 2.4 GHz (IEEE 802.11 b/g/n)                                                                                                                                                                        |                                          |
|                                           | Interface protocol          | OCPP 1.6J / 2.0.1 Ready                                                                                                                                                                                  |                                          |
| User Interface                            | HMI screen                  | 7" Multi-language colour screen                                                                                                                                                                          |                                          |
|                                           | User interaction            | Pushbutton panel                                                                                                                                                                                         |                                          |
|                                           | Light beacon                | RGB Colour indicator                                                                                                                                                                                     |                                          |
|                                           | Authentication methods      | RFID, mobile app, QR code                                                                                                                                                                                |                                          |
| Environmental Conditions                  | Operating Temperature       | -5 °C to +50 °C                                                                                                                                                                                          |                                          |
|                                           | Storage Temperature         | -40 °C to +60 °C                                                                                                                                                                                         |                                          |
|                                           | Operating Humidity          | 5% to 95% (non-condensing)                                                                                                                                                                               |                                          |
|                                           | Protection degree           | IP55 / IK10                                                                                                                                                                                              |                                          |
|                                           | Maximum altitude            | 2000 m                                                                                                                                                                                                   |                                          |
| Mechanical Features                       | Enclosure                   | Aluminium & ABS                                                                                                                                                                                          |                                          |
|                                           | Enclosure door              | Frontal key locked door                                                                                                                                                                                  |                                          |
|                                           | Dimensions (D x W x H)      | Wall-mounted: 220 x 380 x 930 mm<br>Post: 290 x 450 x 1550 mm                                                                                                                                            |                                          |
|                                           | Weight                      | Wall-mounted: 30 kg<br>Post: 55 kg                                                                                                                                                                       |                                          |
| Protections                               | Overcurrent                 | MCB Curve C - IEC 60898-1                                                                                                                                                                                |                                          |
|                                           | Residual current            | RCD Type A (30 mA) + 6 mA <sub>dc</sub>                                                                                                                                                                  |                                          |
|                                           | Additional protections      | Welded contact detection                                                                                                                                                                                 |                                          |
|                                           | Earth system compatible     | TT, TN-S, TN-C-S                                                                                                                                                                                         |                                          |
| Compliance & Standards                    | Energy metering             | MID Class 1 - EN 50470-1/3                                                                                                                                                                               |                                          |
|                                           | RFID reader                 | ISO/IEC 14443 A&B<br>ISO 18092<br>NFC                                                                                                                                                                    |                                          |
|                                           | Standards                   | IEC 61851-1; IEC 61851-21-2<br>IEC 62196-1; IEC 62196-2<br>Compliant with The Electrical equipment (safety) regulations 2016 guidance<br>and The Electromagnetic compatibility regulations 2016 guidance |                                          |
|                                           | Directives                  | 2011/65/EU, RoHS<br>2014/30/EU, LVD<br>2014/35/EU, EMC<br>2014/53/EU, RED                                                                                                                                |                                          |
| Optional features                         | Low Temperature Kit         | -30°C to +50°C                                                                                                                                                                                           |                                          |
|                                           | Safety protection           | RCD Type B<br>MCB NF (FR)<br>PEN Fault (UK)                                                                                                                                                              |                                          |
|                                           | Wireless communication      | 4G/3G/GPRS/GSM Modem                                                                                                                                                                                     |                                          |
|                                           | Customisation               | Vinyl or logo                                                                                                                                                                                            |                                          |
|                                           | Tethered cable (4 m length) | Type 1 Spring<br>Type 2 Spring<br>Type 2 Shutter Spring<br>GB/T Straight                                                                                                                                 |                                          |
|                                           | Socket or cable protection  | Shutter                                                                                                                                                                                                  |                                          |
|                                           | Contactless payment         | Cloud credit card payment terminal                                                                                                                                                                       |                                          |
|                                           | German calibration law      | N/A                                                                                                                                                                                                      | Meter Eichrecht compliant <sup>(1)</sup> |

<sup>(1)</sup> Only for post models