Fast Charging Station

**EVMS-150 FOR ELECTRIC VEHICLES**

EVMS fast charging stations provide charging of all electric vehicles compatible with the CCS standard. This easily configurable 150kW fast charging station with two outlets meets the needs of every customer.

- DC charging station supporting the CSS standard
- Cable 4 m long
- RFID card authorisation
- OCPP 1.6 protocol
- Simultaneous CCS charging options
  - 150 + 0 kW, 90 + 60 kW, 0 + 150 kW
- Reliable, sturdy and modular construction
- Touch display

Outlet Configuration
- 2x CCS2 simultaneous charging
- 2x CCS2, 1x cable TYPE2 (22kW), simultaneous charging

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**AC Input for DC Output**

<table>
<thead>
<tr>
<th>Connection</th>
<th>3P + N + PE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>400 VAC + 20 %</td>
</tr>
<tr>
<td>Frequency</td>
<td>50 Hz or 60 Hz</td>
</tr>
<tr>
<td>Rated input current, power</td>
<td>218 A, 150 kW</td>
</tr>
<tr>
<td>cos φ</td>
<td>&gt; 0.99</td>
</tr>
<tr>
<td>Efficiency</td>
<td>95 %</td>
</tr>
</tbody>
</table>

**DC Output**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>150 VDC-1000 VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max current</td>
<td>2x 200 A</td>
</tr>
<tr>
<td>Rated power</td>
<td>0-150 kW</td>
</tr>
<tr>
<td>Cable length</td>
<td>4 m</td>
</tr>
</tbody>
</table>

**AC Output**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>400 VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max current</td>
<td>32 A</td>
</tr>
<tr>
<td>Rated power</td>
<td>0-150 kW / 90 + 60 kW</td>
</tr>
</tbody>
</table>

**General Specification**

- **Charging modes**
  - Multi-standard DC output [Mode-4]  
  - AC output [Mode-3]

- **Output connector**
  - CCS2, ChaDeMo, TYP2

- **Display**
  - 10” colour touch TFP

- **RFID System**
  - ISO/IEC14443A/B, Mifare;

- **Communication**
  - LAN / Wi-Fi / LTE / 2G / 3G

- **Communication protocol**
  - OCPP 1.6

- **Environment**
  - Outdoor/Indoor

- **Operating temperature**
  - -35°C to +60°C  
  - (heating required -20°C to -35°C)

- **Storage temperature**
  - -40 °C to +70 °C

- **Relative humidity**
  - ≤95%, non-condensing

- **Altitude**
  - Up to 2000 m

- **Protection**
  - IP54, IK10

- **Dimensions**
  - (W x D x H) 1000 x 500 x 2000 mm

- **Certification and safety**
  - CE, EN 61851, EN 62196,DIN 70121, ISO 15118