

| MODEL                                    | 60KW                                           | 120KW     | 150KW     |
|------------------------------------------|------------------------------------------------|-----------|-----------|
| <b>INPUT</b>                             |                                                |           |           |
| Nominal Input Voltage                    | 380 VAC $\pm$ 15%                              |           |           |
| Acceptable Input Voltage Range           | 3-phase, 3ph + N + PE                          |           |           |
| Working Voltage Range                    | 50 – 60 Hz                                     |           |           |
| Maximum Input Current                    | 118 A                                          | 225A      | 278A      |
| Frequency Range                          | $\leq$ 5%                                      |           |           |
| Input Power Factor                       | > 0.99 @nominal voltage (100% load)            |           |           |
| <b>OUTPUT</b>                            |                                                |           |           |
| Output Current Range (based on 2-output) | 2 ~ 100 A                                      | 2 ~ 200 A | 2 ~ 250 A |
| Output Voltage Range                     | 200~750VDC (600~750VDC in constant power mode) |           |           |

|                                       |                                         |                                          |                                          |
|---------------------------------------|-----------------------------------------|------------------------------------------|------------------------------------------|
| Power Module                          | 30kW x 2<br>pcs                         | 30kW x 4<br>pcs                          | 30kW x5<br>pcs                           |
| Efficiency                            | > 94%                                   |                                          |                                          |
| Module Output<br>Current<br>Unbalance | < 5%                                    |                                          |                                          |
| Module Output<br>Voltage Ripple       | < 0.5                                   |                                          |                                          |
| Module Output<br>Current Precision    | < 1%                                    |                                          |                                          |
| Connector Single<br>Mode (max.)       | CCS2<br>(60kW)<br><br>ChAdeMO<br>(50kW) | CCS2<br>(120kW)<br><br>ChAdeMO<br>(50kW) | CCS2<br>(150kW)<br><br>ChAdeMO<br>(50kW) |
| Connector Double<br>Mode (max.)       | CCS2<br>(30kW)<br><br>ChAdeMO<br>(50kW) | CCS2<br>(120kW)<br><br>ChAdeMO<br>(50kW) | CCS2<br>(90kW)<br><br>ChAdeMO<br>(50kW)  |
| Power Distribution                    | Single plug mode / Average output mode  |                                          |                                          |

|                               |                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROTECTION</b>             |                                                                                                                                         |
| Charger Safety Protection     | Over/Under voltage, overload, output power limit function, short circuit, anti-access, earth leakage, lightning and overheat protection |
| Interface Safety Portection   | Circuit discharge function, insulation monitoring device (IMD) and battery reverse parity protection                                    |
| <b>USER INTERFACE</b>         |                                                                                                                                         |
| Status Indiators              | Power on, charging and fault                                                                                                            |
| Communication Protocol        | OCPP 1.6                                                                                                                                |
| Connection Communication Mode | In accordance with DIN 70121 and ISO 15118 standard                                                                                     |
| Connection Standard           | CCS2 (IEC61851-23) and CHAdeMO 1.0                                                                                                      |
| <b>ENVIRONMENT</b>            |                                                                                                                                         |

|                           |                                            |     |     |
|---------------------------|--------------------------------------------|-----|-----|
| Operating Temperature     | -25°C to 50°C                              |     |     |
| Humidity                  | 0 – 95% (non-condensing)                   |     |     |
| Altitude                  | < 2000m                                    |     |     |
| Noise Level               | <65dB                                      |     |     |
| <b>PHYSICAL</b>           |                                            |     |     |
| IP Protection             | IP54                                       |     |     |
| Cable Length              | 5m                                         |     |     |
| Dimension, D x W x H (mm) | 750 x 530 x 1685, excluding plug and cable |     |     |
| Net Weight (kgs)          | 275                                        | 310 | 328 |