

# MSI EV Series Smart AC Charger



| EV Life                                                                                                     |                                                                                                                                                                                   | EV Life Plus                               |      | EV Premium                                          |  | EV AI |                        |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------|-----------------------------------------------------|--|-------|------------------------|
| Input Rating                                                                                                | 200 - 240 VAC 1-phase                                                                                                                                                             |                                            |      |                                                     |  |       |                        |
| Wire                                                                                                        | L, L2/N, GND                                                                                                                                                                      |                                            |      |                                                     |  |       |                        |
| Charging Power                                                                                              | 3.2 - 14.4 kW                                                                                                                                                                     |                                            |      |                                                     |  |       |                        |
| Charging Current                                                                                            | 1-phase 16 - 60 A                                                                                                                                                                 |                                            |      |                                                     |  |       |                        |
| Cable Type                                                                                                  | Type 1 (SAE J1772) / Type 2 (IEC 62196) / NACS                                                                                                                                    |                                            |      |                                                     |  |       |                        |
| Cable Length                                                                                                | 5 m / 7.5 m                                                                                                                                                                       |                                            |      |                                                     |  |       |                        |
| Dimension                                                                                                   | W 22.98 x H 35.48 x D 12.5 cm                                                                                                                                                     |                                            |      |                                                     |  |       |                        |
| Weight                                                                                                      | 6.5 kg                                                                                                                                                                            | 6.5 kg                                     | 7 kg | 7.1 kg                                              |  |       |                        |
| Certification                                                                                               | CNS 15511, UL2594, UL2231, UL991, UL1998, FCC Part 15B, ICES-003, IEC 61851-1, IEC 61851-21-2 / EN301489                                                                          |                                            |      |                                                     |  |       |                        |
| User Interface                                                                                              |                                                                                                                                                                                   |                                            |      |                                                     |  |       |                        |
| User Authentication                                                                                         | Mobile App                                                                                                                                                                        | Mobile App, RFID (ISO/IEC 14443-A, MIFARE) |      | Mobile App, QR code, RFID (ISO/IEC 14443-A, MIFARE) |  |       |                        |
| Display                                                                                                     | LED                                                                                                                                                                               |                                            |      | 7-inch IPS 400nits                                  |  |       |                        |
| Plate Recognition                                                                                           | -                                                                                                                                                                                 |                                            |      |                                                     |  |       | Support                |
| Emergency Stop                                                                                              | Mushroom push button                                                                                                                                                              |                                            |      |                                                     |  |       |                        |
| Communication                                                                                               |                                                                                                                                                                                   |                                            |      |                                                     |  |       |                        |
| Connectivity                                                                                                | Bluetooth                                                                                                                                                                         | LAN, WIFI, 4G LTE (optional)               |      |                                                     |  |       |                        |
| Charging Protocol                                                                                           | -                                                                                                                                                                                 | OCPP1.6J                                   |      |                                                     |  |       |                        |
| Parking Lock                                                                                                | -                                                                                                                                                                                 |                                            |      |                                                     |  |       | Bluetooth parking lock |
| Protection                                                                                                  |                                                                                                                                                                                   |                                            |      |                                                     |  |       |                        |
| RCD                                                                                                         | Additional CNS / IEC certified RCD required                                                                                                                                       |                                            |      |                                                     |  |       |                        |
| Cold-Load Pickup                                                                                            | Randomized delay before charge resume after power failure                                                                                                                         |                                            |      |                                                     |  |       |                        |
| Upstream Breaker                                                                                            | In accordance with local regulation                                                                                                                                               |                                            |      |                                                     |  |       |                        |
| Electrical Protection                                                                                       | Surge protection, ground fault, under voltage protect, over voltage protect, over current protect, control pilot protect – low, over temperature protect, relay welding detection |                                            |      |                                                     |  |       |                        |
| Environment                                                                                                 |                                                                                                                                                                                   |                                            |      |                                                     |  |       |                        |
| Operating Temp.                                                                                             | -30 - 50 °C                                                                                                                                                                       |                                            |      |                                                     |  |       |                        |
| Cooling                                                                                                     | Natural cooling                                                                                                                                                                   |                                            |      |                                                     |  |       |                        |
| IP/IK Rating                                                                                                | IP56, IK08; IP67 (charging cable)                                                                                                                                                 |                                            |      |                                                     |  |       |                        |
| Salt Spray Test                                                                                             | IEC60068-2-11, ASTM B117                                                                                                                                                          |                                            |      |                                                     |  |       |                        |
| Humidity                                                                                                    | < 95% relative humidity, non-condensing                                                                                                                                           |                                            |      |                                                     |  |       |                        |
| Altitude                                                                                                    | Up to 3,000 m                                                                                                                                                                     |                                            |      |                                                     |  |       |                        |
| Installation                                                                                                | Wall mount / stand (optional)                                                                                                                                                     |                                            |      |                                                     |  |       |                        |
| Input Rating, Output Power and Charging Current measurements may have 5% error tolerance from actual values |                                                                                                                                                                                   |                                            |      |                                                     |  |       |                        |

## Peripherals



| Wall Mount                | Stand                  | USB Type-C to RS485/422 Converter |
|---------------------------|------------------------|-----------------------------------|
| Included                  | Optional               | Optional                          |
| W 22 x H 54.5 x D 19.6 cm | W 36 x H 130 x D 30 cm | Cable length: 21.3 cm             |
| 3.14 kg                   | 15.9 kg                | 47 g                              |

