

# EVOSHARE SERIES

## 32A SMART EV CHARGER

### FEATURES

- Ideal choice for residential and commercial Level 2 EV charging
- Supports all the Electric Cars including Tesla
- Available as hardwired or with NEMA plug
- IP55 rated for indoor/outdoor applications
- Firmware updates through remote connection
- Wired/wireless connection for back office management
- RFID card reader for user identification and management
- Charging interface: SAE J1772 (Type 1)
- OCPP 1.6 JSON (Payments, load balancing, time of day (TOD) pricing based on market signal)



### ADVANTAGES

- Intelligent - Power Sharing/Power Management
- Connected - OCPP 1.6 - Platform agnostic communication protocol
- Future Ready - Reduce cost on electrical infrastructure upgrades



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| POWER SPECIFICATION   |                     | EVOS - 32   | EVOSL - 32 |
|---|---------------------|---|------------|
| AC Input  | Input Rating        | 200~240Vac/Single phase L1/L2/GND                         |            |
|   | AC Input Connection | 32A   |            |
|   | Input Current       | 50Hz/60Hz   |            |
|   | Frequency           | 32A   |            |
| AC Output   | Output Current      |   |            |
| <b>USER INTERFACE &amp; CONTROL</b>   |                     |   |            |
| Display   |                     | LED Indicators  |            |
| User Authentication   |                     | RFID (IS/IEC 14443A/B, ISO/IEC 15693, FeliCa, MiFare) N/A |            |
| <b>COMMUNICATION</b>  |                     |   |            |
| External  |                     | LAN(standard)/4G(opt) or Wi-Fi(opt) N/A                   |            |
| Internal  |                     | OCPP 1.6 JSON N/A   |            |
| <b>ENVIRONMENTAL</b>  |                     |   |            |
| Operating Temperature   |                     | -30°C~50°C  |            |
| Humidity  |                     | Max. 90% RH   |            |
| Altitude  |                     | <2000m  |            |
| IP Level  |                     | NEMA TYPE 3R  |            |
| Cooling Method  |                     | Natural Cooling   |            |
| <b>MECHANICAL</b>   |                     |   |            |
| Dimension(WxDxH)  |                     | 260 x 100 x 280mm 4Kg (With Plug)                         |            |
| Weight  |                     | 5m  |            |
| Cable Length  |                     |   |            |
| <b>PROTECTION</b>   |                     |   |            |
| RCD/CCID CCID 20  |                     |   |            |
| Input Side UVP, OVP, Surge protection, Ground Fault                               |                     |   |            |
| Output Side OCP, Control pilot fault, Residual current protection                 |                     |   |            |
| Internal OTP, Relay welding detecton, CCD self-test, MCU function fault detection |                     |   |            |
| <b>REGULATION</b>   |                     |   |            |
| Certification   |                     | UL2594, UL2231-1/-2                                       |            |
| Safety  |                     | UL/cUL  |            |
| Charging Interface  |                     | SAEJ1772 Type 1 Plug                                      |            |



## Ordering Information Example: EVOSEW-32

| Series name: | Ethernet | Wi-Fi | 4G | Amps |
|--------------|----------|-------|----|------|
| EVOSEW-32    | E        | W     | 4  | 32   |