# MULTI STATION EV CHARGER

Power the future of mobility with the Microcare Multi Station EV Charger – a smart, scalable solution for EV charging in residential, commercial, and industrial environments. Designed for flexibility and reliability, this system supports any number of charging stations, each delivering a maximum charge of 32A, while intelligently managing power distribution based on utility supply and connected vehicle demand.

Each charger features a durable IP65-rated enclosure, ensuring all-weather protection, and a clear LCD display that communicates real-time charging status. Integrated Canbus communication allows seamless coordination between units, making it ideal for expanding infrastructure without compromising efficiency.

The charger utilizes the European standard Mennekes Type 2 socket, ensuring wide compatibility with most electric vehicles on the market. The Microcare Multi Station EV Charger is engineered for intelligent load management, automatically balancing current across all connected stations to match the available power and the specific needs of each vehicle.

As electric vehicle adoption accelerates globally, existing electrical infrastructure is under increasing pressure to accommodate the growing demand for reliable and accessible charging. Many facilities, particularly in developing urban areas and shared commercial zones, face limitations in grid capacity and cannot support multiple high-power chargers without costly upgrades. The Microcare Multi Station EV Charger addresses this challenge by enabling efficient, centralized control of multiple EV charging points within a single system. Its intelligent load balancing and modular design allow site owners to scale their infrastructure affordably without overloading their electrical supply. Whether for fleet depots, shopping centers, apartment complexes, or office parks, this solution fills the critical gap between limited grid access and rising EV energy needs, empowering the transition to electric mobility without the need for massive capital expenditure.


## KEY FEATURES

- Scalable Design – Easily expand from 1 to many charging stations
- Max Charge Rate of 32A per Station
- Weatherproof (IP65 Rated) Enclosure
- LCD Display – Real-time charging info at a glance
- Canbus Interface – For seamless charger communication
- Residual Current & Over-current Protection – Built-in safety features
- 3-Year Warranty – Confidence in every charge

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| | MODEL | SINGLE-PHASE | THREE-PHASE |
|---|---|---|---|
| CAPACITY | Max Charge (kW) | 7,3kW | 22kW |
| CHARGER | Voltage ($V_{AC}$) | 230$V_{AC}$ | 380$V_{AC}$ |
| | Charge Current (A) | 6 - 32 A | 6 - 80 A |
| | Frequency (Hz) | 50Hz | |
| | Hardware protection | Circuit Breaker & RCD | |
| | Material | SMC | |
| ENCLOSURE | Operating Temperature | -50˚C to 200˚C | |
| | Glow Wire Capability | 960˚ / UL94 V0 | |
| | Expected UV Life | 25 years + | |
| | IP Level | IP65 | |
| | IK Level | IK10 | |
| | Dimensions (W×D×H) | ? | |
| | Weight | ? | |
| EV CHARGING CABLE | Cable Type | Type 2 | |
| | Cable Length | 5m | |
| | Current Rating | 32A | |
| | Voltage Rating | 250$V_{AC}$ | |
| | IP Rating | IP54 | |
| | Operating Temperature | -30˚C to 50˚C | |
| | Standards Met | 62196-2 IEC 2010 SHEET 2-IIb, UL94 V-O | |