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E-QSR ENERGY EV CHARGING SYSTEMS

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22 kW Type 2 AC Socket Outlet (With Lock Motor)



TECHNICAL SPECIFICATIONS

Specifications	Description
Standards	IEC 62196-1 / IEC 62196-2 (Type 2)
Input / Mounting Type	Screw or crimp terminals (crimp)
Power Capacity	22 kW (three-phase supported)-
Rated Current	16A / 32A
Operating Voltage	220–250V AC (single phase) / 380–400V AC (three phase)
Protection Class	IP54 (unpaired) / IP44 (paired)
E-Lock Mechanism	Electronic locking
Connection Life	>50,000 cycle life UV and Impact Resistance High, suitable for outdoor use >10,000 mechanical connection (plug-in) cycles
Insulation Resistance	>1000 MΩ (DC 1000V)
Contact Resistance	≤0.5 mΩ
Overtemperature Detection:	Active protection with internal temperature sensor
Mounting Compatibility:	Universal Mounting Plate (UMP)
Thermal Performance:	Stable operation, low temperature rise
Material Type:	High-impact plastic, V0 flame retardant class
Certifications:	CE, IEC: 62196-2

PRODUCT FEATURES

- Modular Design: Easy integration according to different needs in the charging infrastructure.
- Heat Detection Sensor: Provides automatic protection with overtemperature detection.
- Easy Maintenance: Fast service and replacement thanks to plug-in cables.
- Compatibility: 100% compatible with global electric vehicles, especially in the European market.
- Brand Customization: Logo printing and custom design coating upon request.
- Environmentally Friendly Production: CE-compliant, sustainable material selection.
- E-Lock System: Security locking of the plug-and-socket connection with an electronic lock.

Application Areas

- Home AC Chargers
- Public AC Charging Stations
- Parking Lots, Shopping Malls, Corporate Fleets
- Next-generation residential and smart city projects

Why QSR ENERGY Outlets?

- High engineering quality and manufacturing precision
- Built-in sensor systems that increase thermal safety
- Certified manufacturing processes (IEC:62196-IATF 16949)
- Extensively tested products
- Custom manufacturing and branding solutions tailored to customer specifications



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