



www.e-qsr.com

E-QSR ENERGY EV CHARGING SYSTEMS

T: +90 535 517 17 50

info@e-qsr.com

7 kW Type 2 AC Socket Outlet (with Locking Motor)



TECHNICAL SPECIFICATIONS

Specifications	Description
Standards	IEC 62196-1 / IEC 62196-2 (Type 2)
Input / Mounting Type	Screw or crimp terminals (crimp)
Power Capacity	7 kW (single-phase supported)
Rated Current	16A / 32A (single-phase)
Operating Voltage	220–250V AC (single-phase)
Protection Class	IP54 (unpaired) / IP44 (paired) 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
Lock Mechanism:	Electromechanical locking system (automatic plug locking/release)
Certifications:	CE, IEC 62196-2

PRODUCT FEATURES (7 kW – Lock Motorized Version)

Modular Design:
Provides easy integration according to different needs in the charging infrastructure.

Enhanced Security – Lock Motorized Mechanism:
Automatically locks when the vehicle is plugged in. It cannot be removed from the socket until charging is complete or unauthorized intervention occurs. High protection against vandalism and unauthorized use.

E-Lock System: Electronic lock for security locking of the plug-socket connection.

Heat Detection Sensor:
Provides automatic protection with overtemperature detection.

Easy Maintenance:
Removable cables and modular design allow for fast service and replacement.

Compatibility:
100% compatible with global electric vehicles, particularly those in the European market (including Type 2 EVs).

Brand Customization:
Logo printing and custom design coatings are available upon request.

Environmentally Friendly Production:
Produced with CE-compliant, sustainable materials, and low environmental impact.

Application Areas (7 kW – Locking Motor)
Home AC Chargers
(For individual users seeking additional security)

Public AC Charging Points
(Locked design prevents unauthorized unplugging)
Corporate Vehicle Fleets

(Ideal for enhancing vehicle security and preventing unauthorized access)

Smart Housing Projects & Complex Parking Lots
(Secure solutions for vehicle owner-specific use)

Why QSR ENERGY Sockets? (7 kW – Lock Motor)
High engineering quality and manufacturing precision

Electromechanical lock ensures plug security
Built-in sensor systems enhance thermal safety

Certified production (IEC:62196- IATF 16949)
Reliable product that has undergone extensive testing

Custom production and branding solutions available upon customer request



QSR ENERGY

IOSB Eskoop Sanayi Sitesi C-8 Blok No:565-567 BAŞAKŞEHİR / İSTANBUL / TR

T: 0 535 517 17 50

www.e-qsr.com

info@e-qsr.com