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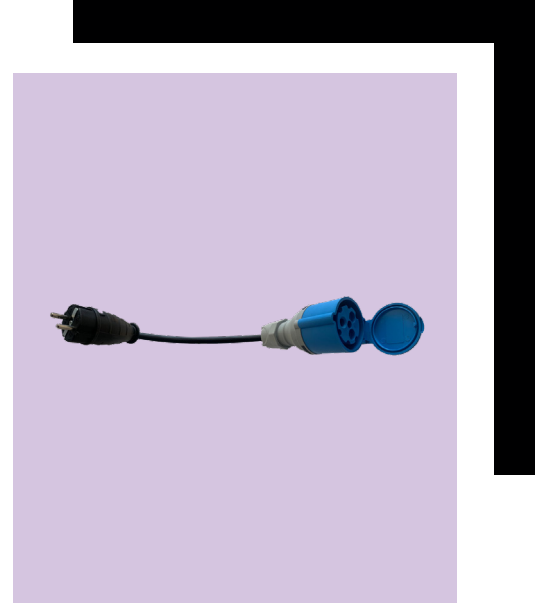
E-QSR ENERGY EV CHARGING SYSTEMS

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7KW 32A(→)3.2KW 16A /1 PHASE / 50CM

What is a 7kW 32A Charging Adapter? Power Capacity: 7 kilowatts (kW) Current: 32 amps (A) Voltage: Generally 220-240V in single-phase systems (according to European standards) Purpose of Use: Charging electric vehicles (EV) with AC (alternating current).



TECHNICAL SPECIFICATIONS

Feature	Description
Input Voltage	220-240V (AC, single phase)
Output Current	32 Amps
Maximum Power	7kW
Connection Type	Usually Type 2 (Mennekes)
Charging Time	Average 6-10 hours (varies depending on battery capacity)
Cable Type	3x6 mm ² or similar, thick-insulated charging cable
Protection Features	Overcurrent, short circuit, ground fault protection

Charging Time Calculation with 7kW (Approximate)

Battery Capacity	Charging Time (~)
40 kWh	~6 hours
60 kWh	~8.5 hours
77 kWh	~11 hours

Note: These times are estimated for a full charge from 0% to 100%. Actual time will vary depending on the charger, vehicle, and ambient conditions.

Areas of Use

Home wallbox chargers

Office or parking lot charging stations

Mobile charging units (portable chargers)

Advantages

Ideal for home charging (powerful but suitable for home infrastructure).

Because it's single-phase, it doesn't require 3-phase charging.

While not as fast as DC fast charging, it easily charges the battery overnight.

Things to Consider

Your electrical infrastructure must be suitable for a 32A load.

It must be used with appropriate grounding and protection fuses.

If long-distance cables are to be used, the cable cross-section should be selected appropriately.



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