

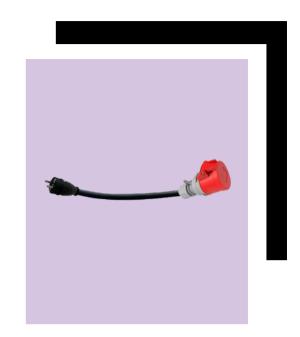
## **E-QSR ENERGY EV CHARGING SYSTEMS**

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# 22KW 32A(→)7KW 16A **/1 PHASE / 50CM**

- What is this converter used for? Some electric vehicles only support single-phase 7kW charging. If the charging station is 22kW (three-phase, 3-phase), it is not directly compatible with this vehic-
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### **TECHNICAL SPECIFICATIONS**

Technical Structure

Description Feature

Input 400V AC, 3-phase, 32A (22kW) Output 230V AC, 1-phase, 32A (7.4kW) Cable/Terminal Type 2 (Mennekes) male  $\rightarrow$  Type 2 female Only L1 (phase) + N + PE is used Internal Cable Connection

Protection: Thermal, overcurrent, and leakage current protection may be provided Usage: Plugs into a three-phase charging station; uses only single phase

Important Notes

Power loss: 22kW charging station does not draw full power; only approximately 7kW is drawn

Does not convert power: These adapters do not "convert" electricity; they simply change the connection.

Vehicle compatibility required: If your vehicle only supports single phase, this adapter will be compatible.

Not bi-directional: A 7kW vehicle cannot utilize the 22kW output; this adapter only provides a compatible connection.

#### Usage Scenario

Your vehicle only supports single-phase charging (7kW).

However, there are only three-phase 22kW Type 2 charging stations in your area.

In this case, compatibility is achieved with a converter adapter.

### Product Names in the Market (Example)

You can use the following terms when searching for a product:



**OSR ENEGY** 

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