



www.e-qsr.com

E-QSR ENERGY EV CHARGING SYSTEMS

T: +90 535 517 17 50

info@e-qsr.com

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 vehicle.

- 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 vehicle.



TECHNICAL SPECIFICATIONS

Technical Structure

Feature

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



www.e-qsr.com

QSR ENERGY

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

T: 0 535 517 17 50

info@e-qsr.com