

Qoltec Power adapter for EV chargers | CEE 16A 5-pin socket | 400V to 230V SCHUKO adapter | max 16A | 3.5 kW

Product code: 52724

A professional adapter designed to power single-phase 230V devices from a CEE 16A industrial power socket. The adapter is designed, amongst other things, to power 230V (single-phase) mobile EV chargers, power tools and service equipment requiring a standard SCHUKO socket, in situations where only a 16A 400V power socket is available.

- The adapter must only be used in accordance with the technical specifications: max. 16A / 3.5 kW
- For mobile EV chargers, the charging current must be limited to 16A

Please read the user manual before connecting.

PROFESSIONAL CEE 16A POWER ADAPTER



CEE 16A to 230V adapter – a robust and safe solution

A professional power adapter enabling the power supply of single-phase 230V devices from an industrial 16A three-phase socket. **The adapter utilises one phase from a 3-phase installation and provides 230V at the output** . This is a practical 400V to 230V adapter designed for technical and workshop applications, as well as for 230V mobile EV chargers. **Robust CEE connectors and a 3x2.5 mm cable guarantee stable performance at a maximum load of 16A (3.5 kW).**

HOW TO SAFELY USE A 16A POWER ADAPTER?



230V EV charger adapter – correct connection and safe use

The adapter must be connected to a serviceable CEE 16A 3P+N+E (400V) socket protected by a suitable overcurrent and residual current circuit breaker . After inserting the CEE plug, ensure that the connection is secure and properly seated. **A 230V device can be connected to a SCHUKO socket, bearing in mind that the maximum load must not exceed 16A (3.5 kW)** . In the case of a mobile EV charger **, set the charging current to no higher than 16A**. Do not exceed the permissible load or use an adapter with a damaged cable. **The adapter does not increase the power of the installation – it merely converts the connector type from CEE 16A 400V to 230V SCHUKO.**

WHERE CAN A CEE 16A ADAPTER FOR 230V BE USED?



Use in workshops, on construction sites and for EV charging

The adapter is a practical technical solution that enables a safe transition from a 400V power supply to a standard 230V power supply without interfering with the electrical installation.

- **Mobile single-phase 230V EV chargers**
- **Power tools and construction equipment**
- **Service and workshop equipment**
- **Temporary installations**
- **Power supply for 230V devices in locations with access only to a 16A power socket.**

SAFE AND SIMPLE CONNECTION



Clear terminal markings – quick and safe cable installation
The adapter is equipped with clearly marked connection terminals, which significantly facilitates cable installation. To connect the cable correctly, strip the ends of the wires, insert them into the appropriate marked terminals and tighten the fixing screws securely. **The PE protective cable should be connected first** . The visible housing with a protective flap additionally protects the contacts from dust and moisture, ensuring durability and safe use of the installation.
- L1, L2, L3 – phase wires
- N – neutral wire
- PE – protective wire (earthing)

When connecting, you should:
1. Strip the ends of the wires.
2. Insert the wires into the appropriate, labelled terminals.
3. Tighten the fixing screws securely.
4. Connect the PE protective conductor first.

TRUST BACKED BY A GUARANTEE



Product covered by a 24-month warranty

Do you care about the high quality of the product you buy? Our solutions will meet your expectations. The chargers we offer are covered by a **24-month warranty** valid from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Type	CEE 16A to SCHUKO 230V
Number of phases	The adapter draws one phase from a three-phase installation.
Maximum power	3.5kW
Output current	16A
Output voltage	230V
Plug type	CEE 16A to SCHUKO
Conductor cross-sectional area	3*2.5mm (L + N + PE)
Cable length	0.30m
Compatibility	Power supply for 230V devices in locations equipped only with 16A power sockets
IP Rating	IP44
Notices	1. Incorrect use of the 400V to 230V power adapter, in particular exceeding the permissible load of 16A (3.5 kW), may lead to overheating of the 3x2.5 mm cable, damage to the insulation and connectors. 2. Prolonged operation under excessive load increases the risk of melting SCHUKO socket components, voltage drop, unstable operation of the connected device, and in extreme cases may lead to a short circuit or fire in the installation. 3. The lack of adequate overcurrent and residual current protection in the installation may result in a lack of protection in the event of overload or cable damage. 4. Using an adapter with an EV charger set to 32A or connecting 400V three-phase devices constitutes misuse. Please note: The adapter does not increase the power of the installation or convert the three-phase power supply into a full-fledged 3-phase output — it uses only one phase.
Additional information	Warning: Do not overload the 230 V mains supply. The maximum output load is 16 A (3.5 kW). Do not exceed this value.
OTHER PARAMETERS	
Colour	Red, white, black
Material	ABS, PVC
Dimensions (D/L x W x H)	90 x 60 x 130 mm
Package contents	1 x Adapter
Package	Box
Package depth / length [mm]	100
Package width [mm]	245
Package height [mm]	80
Net weight [kg]	0.320
Gross weight [kg]	0.321
Certificate	CE
Warranty	24 month
EAN code	5901878527246