



12 Volts power adapter

YA 1100

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The 12 volts power adapter YA 1100 allows 12 volts DC equipment with a power rating up to 100 watts to be operated at 230 volts mains.

The unit is serially furnished with a selector switch for 50 or 100 watts. Thus mobile 12 volts devices with different power ratings can be connected.

In many cases mobile electric appliances, e.g. cool boxes, fans, compressors, vacuum cleaners, coffee machines, cooling and heating devices for drinks and meals are operated through the 12 volts

cigarette lighter socket of vehicles. By means of the 12 volts power adapter such mobile electrical appliances can be operated at 230 volts mains without stressing or discharging the vehicle's battery. The specific advantage for the user is to operate cool boxes or heaters at home before their actual mobile use in order to cool or heat food or drinks in advance.

Consequently the 12 volts adapter YA1100 is in particular applied in the field of leisure, camping and long distance traffic.

The 12 volts power adapter is characterised by its shapely, impact- and acid resistant plastic housing. A device for winding up the power cable is arranged on the backside of the casing.

In combination with a battery charger the unit is available under the model name YAL 1100.

We will be pleased to assist you to select the appropriate unit.

Types and technical details

YA 1100

Mains voltage	230 V, 50 Hz
Output voltage	12 volts
Protection class	II
Selector switch setting	50 watts
Output current	4,0 Adc
Selector switch setting	100 watts
Output current	7,0 Adc

Application

The connection is as simple as within the vehicle: the mobile electric appliances are plugged into the 12 volts socket of the 12 volts power adapter. Then the adapter is linked to mains. The 12 volts power adapter provides a save, smoothed 12 volts DC power supply.

By means of a switch provides two power levels: 50 watts to operate mobile coffee machines, toasters, etc. and 100 watts to connect high-power cool boxes, vacuum cleaners and compressors can be selected.

Indications

A green LED indicates that the 12 volts power adapter is connected to mains and operational.


A red LED warns against overload and malfunction.

Protection and safety

The 12 volts power adapter is protected against overload and reverse polarity connection. This protection is achieved alternatively by a replaceable 15A flat fuse or a circuit breaker.

The mains - safety transformers comply with the European norms. The transformers are protected against overload, overheating and short circuit by a temperature- and current sensitive component. After cooling down of the transformer and disconnecting from mains the component is set back automatically; the charger is fully operational again.

Certification

adamy  12 volts power adapters YA 1100 comply with European norms and are marked CE.