

Product overview voltage converter

Voltage converter type **FWR 300/ 12** **FWR 300/ 24**

The converters are used to transform the 24V battery voltage of vehicles to a 230 V AC voltage.

Application

230V power supply for devices

with 230 VAC line for using in a 12 VDC- vehicle power supply (FWR 300/ 12),

with 230 VAC line for using in a 24 VDC- vehicle power supply (FWR 300/ 24)

e.g.

computer, notebooks

telecommunication devices

lightning

radio- or tv devices

home appliances

various electronic devices

	FWR 300/ 12	FWR 300/ 24
Nominal voltage	12 VDC	24 VDC
Voltage range	11 V to 15 V	23 V to 28 V
Output voltage	230 V~	230 V~
Output power	300 VA	300 VA
Efficiency	> 90%	>90 %
Wave form	Modified sine	Modified sine
No-load current	0,1 A	0,1 A
Operating temperature	-10°C to +50°C	-10°C to +50°C
Humidity	10 - 90% rh	10 - 90% rH
Dimensions	200x 110x 70mm	200x 110x 70mm
Weight	approx. 750 g	approx. 750 g
Cooling	Air cooling	Air cooling



Subject to technical modifications!

Sept. 2011

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page: 1 of: 3
Sine-waves-
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Product overview voltage converter

Voltage converter 0870.1.A00 2000 VA sine wave

Application

Power supply for devices
with a 230 VAC line for using in a 24 VDC- vehicle power supply.
Especially to be used in galleys.

Nominal voltage	24 VDC
Voltage range	21,0 - 30,0 VDC
Input current	max. 100 A
Input fuse	125 A
Line	35 qmm at 2m lenght, connector: ring terminal M8
Output voltage	230 VAC +/- 3%
Output frequency	50 Hz +/- 0,05%, sine
Output power max.	2300 VA (3 min.)
Steady power	2000 VA
Efficiency	94,00%
Overload- and shortcut protected Over-/ undervoltage cut-off Status bar with LED Remote control	+24V at 6,3mm AMP- plug switches on the converter when key is in position „remote on“ Chassis has to be grounded.
Operation temperature	-10°C to +50°C
Humidity	10 - 90% rH
Dimensions	208x 160x 422 mm (Wx Hx D)
Mounting surface	238x 422 mm
Weight	approx. 9,0 kg
Cooling	Air cooling, with temperature controlled fans
Typ approval	e13 022846



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page: 2 of: 3
Sine-waves-
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Product overview voltage converter

Wechselrichter 0875.1.A00 3000 VA Sinus

Application

Power supply for devices
with a 230 VAC line for using in a 24 VDC- vehicle power supply.
Especially to be used in galleys.

Nominal voltage	24 VDC
Voltage range	21,0 - 30,0 VDC
Input current	max. 150 A
Input fuse	200 A
Line	50 qmm qmm at 2m lenght, connector: ring terminal M8
Output voltage	230 VAC +/- 3%
Output frequency	50 Hz +/- 0,05%, sine
Output power max.	3400 VA (3 min.)
Steady power	3000 VA
Efficiency	93,00%
Overload- and shortcut protected Over-/ undervoltage cut-off Status bar with LED Remote control	+24V at 6,3mm AMP- plug switches on the converter when key is in position „remote on“ Chassis has to be grounded.
Operation temperature	-10°C to +50°C
Humidity	10 - 90% rH
Dimensions	208x 166x 452 mm (Wx Hx D)
Mounting surface	238x 452 mm
Weight	approx. 9,8 kg
Cooling	Air cooling, with temperature controlled fans
Typ approval	e13 022845



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page: 3 of: 3
Sine-waves-
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