

# 8862

**Max. 81 W**

## DC/DC CONVERTERS - SWITCH MODE - WITH ELECTRICAL SEPARATION - REGULATED

- Protected against reversed polarity and overvoltage (transorb diode against transients). Switches off automatically at input voltages over or under the specified range. Fuse at input.
- Thermal protection, short circuit proof and overvoltage protection (output)
- Input and output are electrically separated from chassis. The input is electrically separated from output.
- 6,3 mm push-on terminals (input and output)
- "E"-marked vehicle directive ref. (95/54/EC)



### Technical specifications - 24/12 V version

Input voltage:	18-32 VDC
Output voltage:	13,2 VDC
Max. output power	
• Continuous:	81 W
• Intermittent:	132 W
Load current	
• Continuous (-20°C - +30°C):	6,0 A
• Intermittent:	10,0 A
• Linearly derating to (at +60°C):	4,0 A
Load regulation (0-6,0 A load and 24 VDC input voltage):	5%
Line regulation (20-32 V input voltage and 6 A load):	5%
Switch frequency approx.:	50 kHz
No load current approx.:	90 mA
Temperature range:	-20°C - +30°C
Ripple (6 A load and 28 V input voltage):	10 mV RMS
Efficiency (6 A load and 28 V input voltage):	85%
EMC standards	
• Emission:	EN 50081-1,95/54/EC
• Immunity:	EN 50082-1,95/54/EC
Dimensions (LxWxH):	135 x 119 x 46 mm
Weight:	600 g

Some technical specifications may differ for other voltage versions.

Batterieladegeräte

LADix System

**DC/DC Wandler**

Netzgeräte  
AC/AC

Netzgeräte  
AC/DC

Steckernetzgeräte  
AC/AC

Steckernetzgeräte  
AC/DC

Wechselrichter  
DC/AC

Notstromversorgung  
DC-UPS

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**Voltage versions 8862**

Version	Input (VDC)	Output (VDC)	Max. current (A)	
			Continuous	Intermittent
12 / 12	10-16	13,2	3	4
12 / 24	10-16	24	1,7	2,2
12 / 48	10-16	48	0,7	0,8
24 / 12*	18-32	13,2	6	10
24 / 24*	18-32	24	3	4
24 / 36	18-32	36	2,5	3
24 / 48	18-32	48	1,5	2
36 / 12	30-48	13,2	6	8
36 / 24	30-48	24	3	4
48 / 12	40-64	13,2	6	8
48 / 24	40-64	24	3	4
48 / 48	40-64	48	1,5	2
80 / 12	72-140	13,2	6	8
80 / 24	72-140	24	3	4

\* 24/12 and 24/24 V versions are over- and undervoltage protected.

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