



9262

Max. 81 W

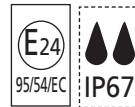


DC/DC CONVERTERS - SWITCH MODE - WITH ELECTRICAL SEPARATION - REGULATED

- Designed for electrical forklift trucks and other electromotive applications where high voltage transients may occur
- Protected against reversed polarity and overvoltage (transorb diode against transients). 6,3 A fuse (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)
- Waterproof (IP67) version available
- "E"-marked vehicle directive ref. (95/54/EC)

Technical specifications - 48/12 V version

Input voltage (transients up to 150 V):	40-64 VDC
Input voltage without transients:	40-100 VDC
Output voltage:	13,2 VDC
Max. output power	
• Continuous:	81 W
• Intermittent:	110 W
Load current	
• Continuous (-20°C - +30°C):	6,0 A
• Intermittent:	8,0 A
• Linearly derating to (at +60°C):	3,0 A
Load regulation (0-6,0 A load)	5%
Line regulation (6 A load)	5%
Switch frequency approx.:	50 kHz
No load current approx.:	50 mA
Temperature range:	-20°C - +30°C (-40°C - +40°C IP67 vers.)
Ripple (6 A load)	10 mV RMS
Efficiency (6 A load)	83%
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 (950g IP67 vers.)
Some technical specifications may differ for other voltage versions.	



Voltage versions 9262

Version	Input (VDC)		Output (VDC)	Max. current (A)	
	With transients	Without transients		Continuous	Intermittent
24 / 12*	21-32	21-40	13,2	6	8
24 / 24	21-32	21-40	24	3	4
48 / 12	40-64	40-100	13,2	6	8
48 / 24	40-64	40-100	24	3	4
72 / 12	60-96	60-120	13,2	6	8
72 / 24	60-96	60-120	24	3	4
80 / 12	72-110	72-160	13,2	6	8
80 / 24	70-110	72-160	24	3	4

* 24/12 version are over - and undervoltage protected.

Batterieladegeräte

LADix System

DC/DC Wandler

Netzgeräte
AC/AC

Netzgeräte
AC/DC

Steckernetzgeräte
AC/AC

Steckernetzgeräte
AC/DC

Wechselrichter
DC/AC

Notstromversorgung
DC-UPS