

# MTM Power® - Products for Forklift Trucks



**EASILY LIFT HEAVY LOADS.  
WITH OUR INNOVATIONS.**

In many industries and applications the requirements of the used technology go far beyond of the usual level. The limits of standard specifications are also often exceeded when used in mobile applications of forklift truck technology.

Forklift trucks or automated guided vehicles (AGVs) are an efficient, reliable and versatile solution for handling materials with the ability to easily adapt to a variety of transport tasks and to ensure trouble-free logistics even in tight spaces.

The use of exceptionally powerful and durable MTM Power DC/DC converters in power ranges from 75 to 600 W is an efficient and reliable solution in these mobile applications. On battery-powered vehicles they take over the function of the classic alternator and produce a stabilised on-board power system.

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**MTM POWER®**

# DC/DC Converters for Forklift Trucks

## Output Power

Series PMDS/PCMD5 75 W, 150 W, 250 W, 400 W, 600 W (with galvanic isolation)  
Series PCMDNI 300 W (without galvanic isolation)

## Input Voltages

24 V<sub>DC</sub>, 48 V<sub>DC</sub>, 80 V<sub>DC</sub>, 110 V<sub>DC</sub>

## Output Voltages

12 V<sub>DC</sub>, 13,8 V<sub>DC</sub>, 24 V<sub>DC</sub>, 27,6 V<sub>DC</sub>

## Mounting Type

chassis mounting

## Connectors

screw connectors, spring clamps, flying leads



## Special Features

- Base Plate Cooling (BPC) technology
- Vacuum encapsulated (EP 1 987 708, U.S. Patent No. 8,821,778 B2)
- Water-proof, touch-proof, resistant against conductive dusts
- Absolutely resistant against shock and vibration
- Operating temperature -40...+70 °C
- Comply with EN 60 950-1 / EN 61 000-6-4 / EN 61 000-6-2



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