

# MTM Power® - DC/DC Converters 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®**

# Product Range

Type galvanically isolated	Power [W]	Input / Battery Voltage and Voltage Ranges [V]					Output [V]
		24 V	36 V	48 V	80 V	96 V	
PMDS75 24Sxx-FT	75	16,8...56					12 / 24
PMDS75 60Sxx-FT	75			33,6...125			12
PCMDS400 24Sxx-FT	400	16,8...43,5					12
PCMDS400 60Sxx-FT	400		25...125				12 / 13,8 / 24
PCMDS550 60Sxx-FT	550			33,6...125			12 / 13,8
PCMDS600 60Sxx-FT	600		25...125				12 / 24
PCMDS600 115Sxx-FT	600					81...153	13,7 / 24
<b>not galvanically isolated</b>							
PCMDS300NI 48Sxx W/WK	300	18...100,8					12
PCMDS300NI 110Sxx W/WK	300		28...137,5				24

## Special Features

- Completely potted by vacuum encapsulation
- Water-proof and dust-proof
- Protection degree up to IP6k9k
- Absolutely resistant against shock and vibration
- Operating temperature -40...+70 °C
- Optional with active Remote Control (RCa)
- Self-cooling / contact cooled (Base Plate Cooling technology)
- Customised modification of electrical parameters and connections possible
- Complying with EN 61 010-1 / EN 61 000-6-4 / EN 61 000-6-2

