

DVC301

Efficiency through a wide range of variants



Deutronic Transportation / Logistics
Durable, future-proof and sustainable

To cover a very wide range of applications, Deutronic offers DVC standard vehicle converters for input voltages of 24V, 48V or 80V as well as 12V to 24V at the output. The robust design allows the use especially in harsh environments such as logistics, industrial trucks, railroad applications or electric vehicles. The DC/DC converters can also be used in a wide range of applications thanks to the customer-specific adaptation options such as an inhibit function.

Power



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Advantages

- ✓ Wide range of applications due to numerous voltage variants
- ✓ Optimized redesign of the proven DVC251 converter
 - Efficiency due to high effectiveness
 - Increased performance
- ✓ Ideal for applications such as logistics, industrial trucks, railroad applications or electric vehicles
- ✓ Highest safety due to IP67 degree of protection according to EN 60529
- ✓ DC/DC wide range input
- ✓ Galvanic separation 1,5kV (500V at 12/24VDC input voltage)

Technical data

Type	Output power	Input voltage	Output voltage	Max. output current
DVC301-24-12	300W	24VDC	12,5VDC	22A
DVC301-24-24	300W	24VDC	24VDC	12,5A
DVC301-48-24	300W	48VDC	24VDC	12,5A
DVC301-80-24	300W	80VDC	24VDC	12,5A
DVC301-EUT-24-24	300W	24VDC	24VDC	12,5A



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