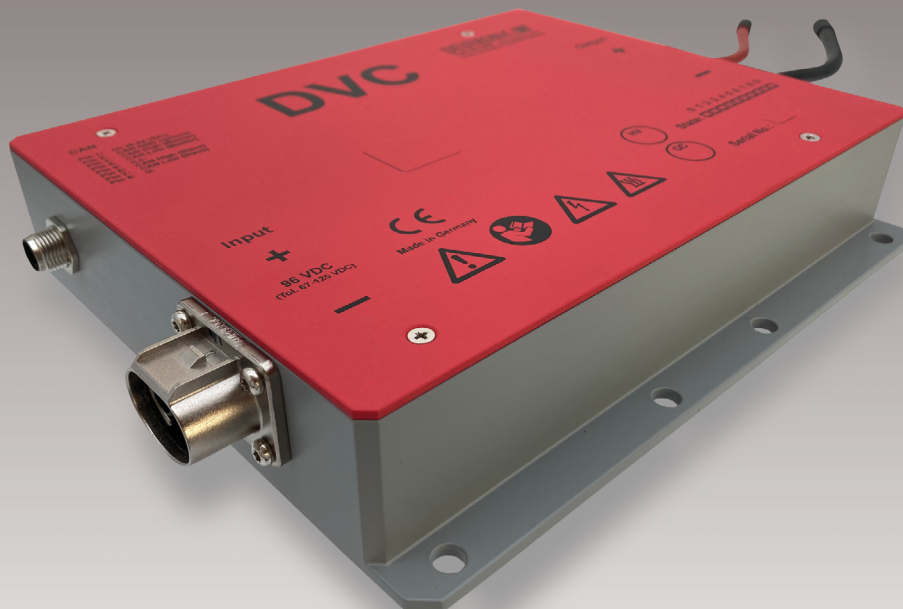


DVC2503

Powerful, modular all-rounder
among DC/DC converters



Deutronic Transportation / Logistics
Durable, future-proof and sustainable

Due to the increasing requirements in the transport and logistics sector and the associated technological change, established DC/DC converters are increasingly reaching their limits. Deutronic, as a long-standing partner of the industry, offers with the DVC2503 a converter that requires no compromises on the part of the customer.

Our converter with the latest circuit technology offers fully digital control and in combination with the long durability Deutronic is known for, future-proofing is no longer a risk. In terms of sustainability, the new development complements the existing performance portfolio and guarantees that every customer receives the optimal device for his application. In addition to the technological innovations, the DVC2503 also impresses with its high level of user-friendliness, compact design, low power-to-weight ratio and the associated cost savings. The use for a wide range of applications and the benefits that go beyond the technical aspects make the DVC2503 an absolute all-rounder.

Power



MORE

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DVC2503

Powerful, modular all-rounder
among DC/DC converters



Advantages

- ✓ Power adaptation possible through modularity in 2.5 kW steps (up to 7.5 kW)
- ✓ Improved handling through master-slave control
- ✓ Coverage of a wide range of applications (e.g. fuel cell use, 96V traction battery) due to the large input voltage range
- ✓ Flexible range of applications due to the compact design, the high power density and the robust construction (IP67)
- ✓ Desired parameterization via CAN interface (CAN2.0 A, J1939)
- ✓ Reduced integration and operating costs, as no connection to the cooling circuit is necessary

Technical data

Type	Output power	Input voltage	Output voltage	Max. output current
DVC2503-96-24-CAN	2500W	96VDC	24,3VDC	100A



Deutronicstraße 5 | D-84166 Adlkofen/Germany | Tel. +49 8707 920-0
E-Mail: sales@deutronic.com | www.deutronic.com

