

DC-DC CONVERTER 500W

DC-DC CONVERTER 1000W



SPECIFICATIONS

DC Input

DC Input Voltage - range	:	200 - 800V DC
DC Input Current	:	<3A for 500W, <6A for 1 KW
DC Inrush Current	:	≥ 10A

DC Output

DC Output Voltage (Voltage Can be settable through CAN)	:	24V ± 0.25V DC
Output Current	:	20.8A ± 0.5A for 500W
Output Voltage - range	:	12-32V DC
Efficiency	:	≥ 92%
Communication	:	CAN 2.0A & 2.0B

Protections

Output over load	:	Available
Output short circuit	:	Available
Output over voltage	:	Available
Output under voltage	:	Available
Over temperature with auto recovery	:	Available

Environmental

IP Protection	:	IP67
Operating Temperature	:	-40°C to +85°C

Main Attributes

- ★ Wide input range.
- ★ Compatible for 4 wheeler, Bus & Truck EV's
- ★ Ingres Protection IP67 rated enclosure.
- ★ Isolation between Input & Output.
- ★ Reverse Polarity Protection.
- ★ Voltage Regulation.
- ★ Efficient Power Conversion
- ★ Over current protection.
- ★ Thermal Management (Thermal Shutdown).
- ★ Soft start Functionality.
- ★ Short circuit Protection.
- ★ Under voltage lockout.

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24V ± 0.25V
41.6A ± 0.5A for 1000W
12-32V DC
≥ 92%
CAN 2.0A & 2.0B

Mechanical

Enclosure	:	Aluminium
Weight	:	3.3 Kg ± 0.5kg
Dimensions	:	L = 277mm, W = 165mm, H = 99mm
Cooling	:	Natural Air Cooling