

DC-DC

4kW-900

DC_DC.4kw-900:

Compact footprint , Lightest in its category , Efficiency > 95 % High , volumetric & gravimetric power density, AEC grade components

Power Data:

- DC output power: 4 kW
- DC input voltage range : 400 – 900 VDC
- Output current : 145 A
- Output voltage: 27.5 VDC
- Output voltage accuracy : +-1%
- Output voltage ripple : ≤ 500 m Vpk-pk
- Auxiliary voltage: 9 – 32 VDC
- Ambient temperature: -40 to 85 °C (no derating)

Mechanical Data:

- Dimensions w/o connectors [L × W ×H] : 326 x 211 x 83 mm
- Weight : < 5 kg
- Degree of protection : IP 67
- Type of cooling : Liquid

General Data:

- Communication interface: CAN-BUS
- Baud rate : 500 kBit/s
- Cable connection: HV: plug , Control: plug, LV output: bolt connection

PROTECTION SPECIFICATIONS:

- Protections : Input/output OVP/UVP, input reverse protection, output short circuit protection, over current protection, over temperature protection

APPLICATIONS:

- Public transportation
- Construction equipment
- Commercial vehicles
- Municipal vehicles
- Agricultural machines