

6.5kW DC-DC Converter for Fuel Cell Lift Truck



6.5 kW DC-DC Converter

Features

- Two operation mode:
 1. Forward : FC to Battery
 2. Reverse : Battery to FC
- CANbus communication
- 95% peak efficiency to reduce energy waste
- Input current or power control 1-N / N-N parallel operation

Item	Parameter
Rated Input (Forward mode)	$28 V_{DC} \sim 56 V_{DC}$
Rated Output	$70 V_{DC} \sim 96 V_{DC}$
Efficiency	95% (with isolated) peak
Rated Input (Reverse mode)	$70 V_{DC} \sim 96 V_{DC}$
Rated Output	$28 V_{DC} \sim 56 V_{DC}$
Efficiency	92% (with isolated) peak
Communication	CAN BUS
Safety	IEC 62477-1
EMC	EMI: IEC 61000-6-4 / EMS: IEC 61000-6-2
Dimension (WxLxH)	225 x 336 x 117 mm



More Information

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