



Advanced Fuel Cell System

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FCH Hybrid

48V FORK-LIFT Power Pack

SPECIFICATION





Nominal Voltage	51 VDC
Operating voltage Limits	45 - 56 VDC
Peak Power	18kW
Max Continuous power Out	10 kW
Regenerative Current in	360 Amp
Max Current	520 Amp (250A fuse)
Nominal Pressure	350bar
Integrated Battery	LiFePO4 2P16S 120A
Receptacle	SAE J2600 H35
Working Temperature	+1°C to + 45 °C
Weight	820kg
Dimensions L W H	830-630-627

SAFETY INFORMATIONS

HYDROGEN

The fuel is supplied in form of gaseous hydrogen. Hydrogen is dangerous substance, which requires great care when handling. Keep possible ignition sources, fire, naked flames and excessive heat away from the device, also inflammable materials, liquids and gases.

REFUELING

Fuel refilling is only allowed according to parameters of SAE J2601-3 and technical specifications of the Hylog Fleet 24015F device.

WARNING! Incorrect filling procedures will damage pressure components and can lead to fatal damage and injury!

OPERATE IN VENTILATED AREAS ONLY

This fuel cell system uses oxygen from the area in which it is being used. It should not be used in a confined space or unusually tight construction, unless provisions are provided for adequate process and ventilation air. The minimum room size shall be 10m³.

FOR INDOOR OPERATION ONLY

Device is not rated for use in high humidity ambient, wet or rainy conditions. Device is not rated for use below +1°C and above +45°C.

CRANE TRANSPORT

Use only suitable load-carrying equipment when transporting the device with cranes. Attach chains/ropes of equal length to all fixing points on the top of the device. Route chains/ropes so that they are at the smallest angle possible to the vertical. Do not step under lifted load!