

Autonomous, 48VDC, 3kW, box-type hydrogen system. Sample of products



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**Autonomous, 48VDC, 3kW,
box-type hydrogen system.**

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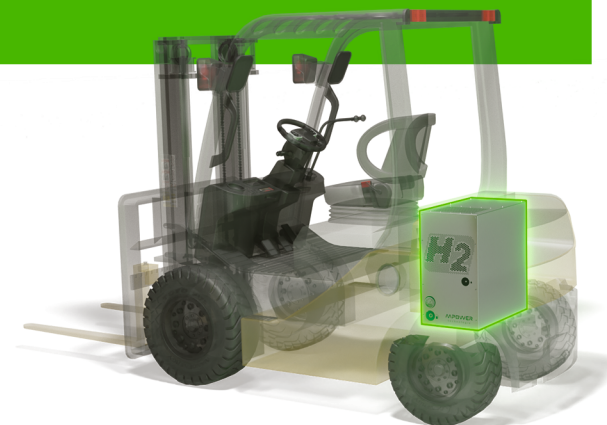


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Highly compact, autonomous hydrogen system

Highly compact, autonomous hydrogen system including aluminum or steel hydrogen containers, LTO battery buffer with a BMS, DC/DC converter and fuel cell controller (multiphase, interleaved), hydrogen refilling valve and CAN communication.



Main system parameters

Hydrogen volume	20 l @ 200 bar
Hydrogen pressure	200 bar
Refueling valve	WEH TN1 H2 (SAE J2600)
Output voltage VDC	48
Output continuous current ADC	62
Fuel cell type	H2 PEM
Fuel cell efficiency	~45 %
Battery buffer	Lithium-Titanate (LTO) 30Ah
Cooling type	Air
Communication standard	CAN J1939

Est. price: **25 000 € net**