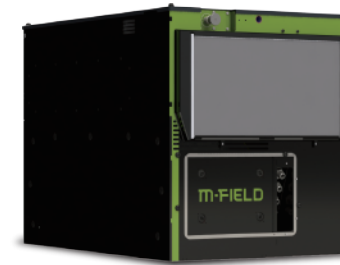
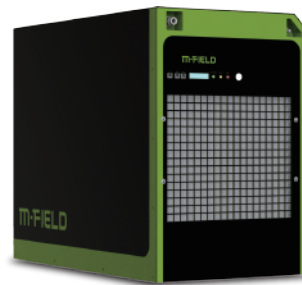


The product provides the following key features:

- Designed as an alternative power solution for forklifts and trucks
- Perform to fulfill 8-hour shift operation
- Shorter refueling time comparing to traditional battery
- Remote monitoring platform
- Carbon emission free and environmental friendly power generator
- Designed to follow UL Fuel Cell Safety (UL 2267) and European Conformity (CE) EN 62282-4-101 and EMC directive



Product Specification / Model No.		TPH-0324	TGH-1036	TVH-1280
Basic	Product Description	Fuel Cell Power Pack for Electric Forklift	Fuel Cell Power Pack for Electric Forklift	Fuel Cell Power Pack for Electric Forklift
	Max Output Power	5kW for 10 sec.	24kW for 10 sec.	35kW for 15 sec.
Output	Rated Output Power	3kW	10kW	12.5kW
	Output Voltage	24Vdc	36Vdc	80Vdc
Input	Input Voltage	24Vdc	36Vdc	80Vdc
	Energy Bridging	Battery	Battery	Battery
Fuel Requirement	Regenerative Energy Storage	Available	Available	Available
	Hydrogen Purity Requirement	>99.95%	>99.95%	>99.95%
	Hydrogen Storage Pressure	350 bar	350 bar	350 bar
	Hydrogen Mass in Cylinder	~0.6kg @350bar	~1.0kg @350bar	~1.5kg @350bar
	Oxidant Composition	Air	Air	Air
	Oxidant Humidity	0~100 %RH	0~100 %RH	0~100 %RH
Mechanical Info	Outer Dimensions	L78 x W32 x H78 cm (30.7 x 12.5 x 30.7 in.)	L97.5 x W52 x H79 cm (38.3 x 20.4 x 31.1 in.)	L102.8 x W71.1 x H73.8 cm (40.4 x 27.9 x 29 in.)
	Weight	150~250 kg	1100 kg	850 kg
	Cooling Type	Air Cooling	Water Cooling	Water Cooling
Environment Requirement	Ambient Temperature Operation	-20~40°C	-20~40°C	-20~40°C
	Storage Temperature	0~50°C	0~50°C	0~50°C
	Operation Environment	Indoor	Indoor	Indoor / Outdoor
	Humidity	0~100 %RH	0~100 %RH	0~100 %RH

Specifications and descriptions in this document were in effect at the time of publication.

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