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

### Specifications

<table>
<thead>
<tr>
<th>Product Specification / Model No.</th>
<th>TPH-0324</th>
<th>TGH-1036</th>
<th>TVH-1280</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Output Power</td>
<td>5kW for 10 sec.</td>
<td>24kW for 10 sec.</td>
<td>35kW for 15 sec.</td>
</tr>
<tr>
<td>Rated Output Power</td>
<td>3kW</td>
<td>10kW</td>
<td>12.5kW</td>
</tr>
<tr>
<td>Output Voltage</td>
<td>24Vdc</td>
<td>36Vdc</td>
<td>80Vdc</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>24Vdc</td>
<td>36Vdc</td>
<td>80Vdc</td>
</tr>
<tr>
<td>Energy Bridging</td>
<td>Battery</td>
<td>Battery</td>
<td>Battery</td>
</tr>
<tr>
<td>Regenerative Energy Storage</td>
<td>Available</td>
<td>Available</td>
<td>Available</td>
</tr>
<tr>
<td>Hydrogen Purity Requirement</td>
<td>&gt;99.95%</td>
<td>&gt;99.95%</td>
<td>&gt;99.95%</td>
</tr>
<tr>
<td>Oxidant Composition</td>
<td>Air</td>
<td>Air</td>
<td>Air</td>
</tr>
<tr>
<td>Oxidant Humidity</td>
<td>0~100 %RH</td>
<td>0~100 %RH</td>
<td>0~100 %RH</td>
</tr>
<tr>
<td>Outer Dimensions</td>
<td>L78 x W32 x H78 cm (30.7 x 12.5 x 30.7 in.)</td>
<td>L97.5 x W52 x H79 cm (38.3 x 20.4 x 31.1 in.)</td>
<td>L102.8 x W71.1 x H73.8 cm (40.4 x 27.9 x 29 in.)</td>
</tr>
<tr>
<td>Weight</td>
<td>150~250 kg</td>
<td>1100 kg</td>
<td>850 kg</td>
</tr>
<tr>
<td>Cooling Type</td>
<td>Air Cooling</td>
<td>Water Cooling</td>
<td>Water Cooling</td>
</tr>
<tr>
<td>Ambient Temperature Operation</td>
<td>-20~40°C</td>
<td>-20~40°C</td>
<td>-20~40°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>0~50°C</td>
<td>0~50°C</td>
<td>0~50°C</td>
</tr>
<tr>
<td>Operation Environment</td>
<td>Indoor</td>
<td>Indoor</td>
<td>Indoor / Outdoor</td>
</tr>
<tr>
<td>Humidity</td>
<td>0~100 %RH</td>
<td>0~100 %RH</td>
<td>0~100 %RH</td>
</tr>
</tbody>
</table>

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