

## PROPAN Fuel Cells 500 P



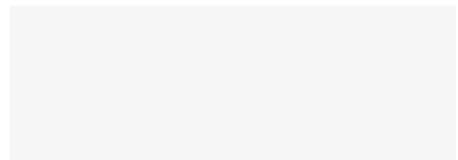
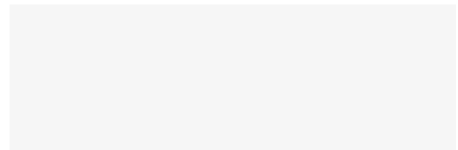
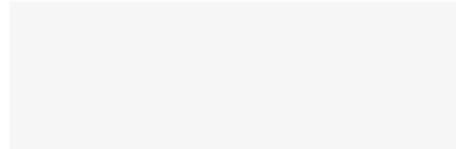
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### THE EN 500 P – THE WORLD’S MOST EFFICIENT ENERGIE CONVERTER FOR LIQUID HYDROCARBONS IN THE 1000 WATT CLASS

These fuel cells have electrical efficiency levels of up to 60%, almost twice those of generators using petrol or diesel engines. What is more, the systems do not emit any pollutants, just small amounts of carbon dioxide, and are very quiet while operating. The simplicity of the system design guarantees high reliability and low system costs as compared with all other rival technologies. And attractive market prices are offered with high customer benefits.

The system design is simple, cost-competitive and efficient. Since the fuel cells generate heat as well as power, they are suitable for use as universal power packs for off-grid electricity and optional heat supply systems.



PowiDian SAS

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## FUEL CELL SYSTEM EN 500 P BRENNSTOFFZELLENSYSTEM EN 500 P

<b>electric power:</b> Leistung:	<b>250–500 W</b>
<b>voltage:</b> Spannung:	<b>24–28 V DC</b>
<b>fuel:</b> Kraftstoff:	<b>LPG Flüssiggas (Propan)</b>
<b>dimensions:</b> Abmessungen LxBxH:	<b>micro wave size 410x470x350 mm</b>
<b>weight:</b> Gewicht:	<b>64 lbs 32 kg</b>
<b>electric efficiency (net):</b> Nettowirkungsgrad:	<b>30–35 %</b>
<b>fuel consumption:</b> Kraftstoffverbrauch:	<b>part/full load 80–120 g/h</b>
<b>life time:</b> Lebensdauer:	<b>&gt; 3.000 h</b>
<b>min. battery capacity:</b> min. Batteriekapazität:	<b>100 Ah (24V)</b>
<b>Operating Temperature:</b> Betriebstemperatur:	<b>- 4°F bis + 140°F - 20°C bis + 60°C</b>
<b>Maintenance/Warranty:</b> Wartung/Garantie:	<b>annually / 2 years jährlich / 2 Jahre</b>
<b>Communication ports for diagnosis / TCP/IP / GSM (option) Schnittstellen für Diagnose / TCP/IP / GSM (optional)</b>	

Indoor ready enclosure available  
Indoor-Variante verfügbar



Outdoor ready enclosure available  
Outdoor-Variante verfügbar



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