

**GREEN ENERGY AND INFRASTRUCTURE
COMPANY PVT. LTD.**

FUEL CELL



Green Energy and Infrastructure Company Pvt. Ltd.

Tarakeshwar Municipality, Ward No. 5, Goldhunga, Kathmandu, Nepal

contact: contact@greeninfraenergy.com

AIR COOLED PEM FUEL CELL



Green Energy and Infrastructure Company Pvt. Ltd.

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Specifications:

Model	10W	100W	200W	1 kW	5 kW	80 kW
Normal Power	10W	100W	200 W	1 kW	5 kW	80 kW
Cooling Medium	Air	Air	Air	Air	Air	Air
Operating Voltage	5-9.4V	12 V	24 V	30 V	72 V	480 V
Operating Current	0-2.2A	8.3 A	8.3 A	33.5 A	70 A	167 A
Efficiency	≥50%	≥50%	≥50%	≥50%	≥50%	≥50%
Hydrogen Purity	≥99.99%	≥99.99%	≥99.99%	≥99.99%	≥99.99%	≥99.99%
Hydrogen Pressure	0.04~ 0.06Mpa	0.04~ 0.06Mpa	0.04~ 0.06Mpa	0.04~ 0.06Mpa	0.04~ 0.06Mpa	0.04~0.06Mpa
Hydrogen Consumption	175ml/min	1.3 L/min	2.6 L/min	12.5 L/min	65 L/min	0.06-0.1 kg/min
Ambient Temperature	-5~35°C	-5~35°C	-5~35°C	-5~35°C	-5~35°C	-5~35°C
Ambient Humidity	10%~ 95%	10%~95%	10%~95%	10%~95%	10%~95%	10%~95%
Storage Ambient Temperature	-10~70°C	-10~70°C	-10~70°C	-10~70°C	-10~70°C	-10~70°C
Noise	≤60dB	≤60dB	≤60dB	≤60dB	≤60dB	≤60dB
Weight	280g	1700 gm	2600 gm	7 kg	33 kg	3300 kg
Stack with Fan(mm)	70*51*49	118*104*94	118*183*94	264*203*104	650*350*212	3300*1100*2291

Green Energy and Infrastructure Company Pvt. Ltd.

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LIQUID COOLED PEM FUEL CELL



Green Energy and Infrastructure Company Pvt. Ltd.

Tarakeshwar Municipality, Ward No. 5, Goldhunga, Kathmandu, Nepal

contact: contact@greeninfraenergy.com

Specifications:

Model	10W	100W	200W	1 kW	5 kW	80 kW
Normal Power	10W	100W	200 W	1 kW	5 kW	80 kW
Cooling Medium	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Operating Voltage	5-9.4V	12 V	24 V	30 V	72 V	480 V
Operating Current	0-2.2A	8.3 A	8.3 A	33.5 A	70 A	167 A
Efficiency	≥55%	≥55%	≥55%	≥55%	≥55%	≥55%
Hydrogen Purity	≥99.99%	≥99.99%	≥99.99%	≥99.99%	≥99.99%	≥99.99%
Hydrogen Pressure	0.04~0.06Mpa	0.04~0.06Mpa	0.04~0.06Mpa	0.04~0.06Mpa	0.04~0.06Mpa	0.04~0.06Mpa
Hydrogen Consumption	175ml/min	1.3 L/min	2.6 L/min	12.5 L/min	65 L/min	0.06-0.1 kg/min
Ambient Temperature	-5~35°C	-5~35°C	-5~35°C	-5~35°C	-5~35°C	-5~35°C
Ambient Humidity	10%~95%	10%~95%	10%~95%	10%~95%	10%~95%	10%~95%
Storage Ambient Temperature	-10~70°C	-10~70°C	-10~70°C	-10~70°C	-10~70°C	-10~70°C
Noise	≤60dB	≤60dB	≤60dB	≤60dB	≤60dB	≤60dB
Weight	280g	1700 gm	2600 gm	7 kg	33 kg	3300 kg
Stack with Fan(mm)	70*51*49	118*104*94	118*183*94	264*203*104	650*350*212	3300*1100*2291

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