

EL 100

The revolutionary new EL100 generator produces hydrogen on demand from water, directly compressed, dry and pure by patented electrolytic process. CE certified, low cost, safe and highly efficient, it provides the ideal refill for fuel cell applications on the market.

The EL 100 water electrolyser demonstrates the great potential of the AES stack technology and the simplicity of design. Acta has developed in house the AC to DC power conditioning module and its software to be able to assist AES stack customers in the design of their own electrolyser.

FEATURES

- One button, simple operation
- Alarm LED
- Low water level alarm
- Automatic pressure release
- Self diagnostics
- CE Certified

HYDROGEN SPECIFICATION

H₂ Purity: 99.94 % @ 30 bar (without any purification system)
99.999% with optional purification system
Purity residual: H₂O @ 30 bar 600 ppm

WATER SPECIFICATION

Distilled Water (Conductivity at 25 °C): 5 – 10 µS/cm
only 1% Potassium Carbonate (non consumed)

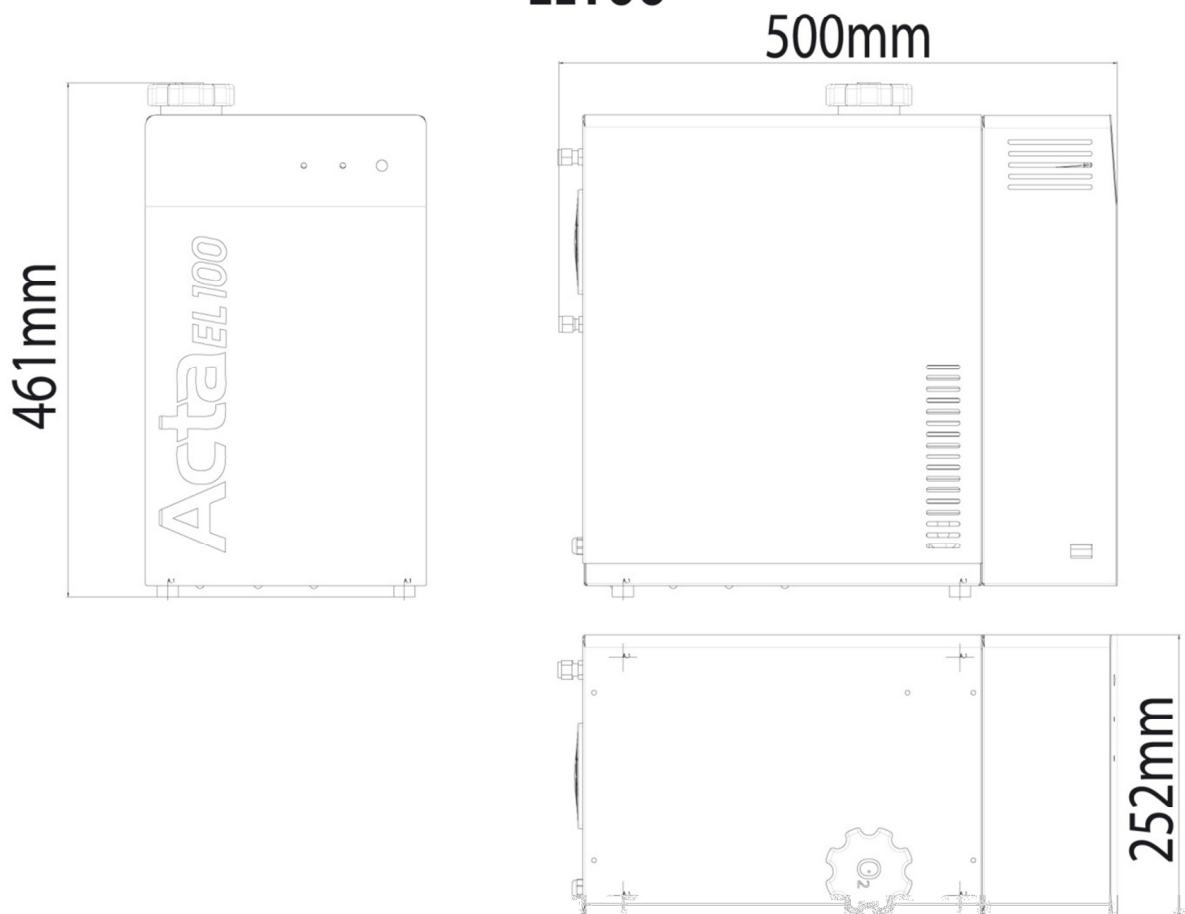
OPERATING CONDITION

Ambient Temperature: 5 – 40 °C (41 – 104 °F)
Ambient Humidity: 20 – 95 %



TECHNICAL DATA		EL100
H2 production rate	NI/h	100
Standard working pressure	bar	15
Maximum allowable pressure	bar	30
Water tank volume	l	5
Water consumption	l/h	0.08
Power supply options		220/110VAC - 50/60Hz
Power consumption	W	700
Dimension - (max)	mm	252x461x500
Dimension - (max)	Inch	9.8x18.1x19.7
Weight (without water)	Kg (lbs)	27 (60)
Ambient Temperature	°C	5 - 40
Ambient Humidity	%	20 - 95

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Acta S.p.A.

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