



INNOVATING FOR A BETTER WORLD



Technical Data Sheet of ela12000 anolyte (HClO) generator

External view of ela12000

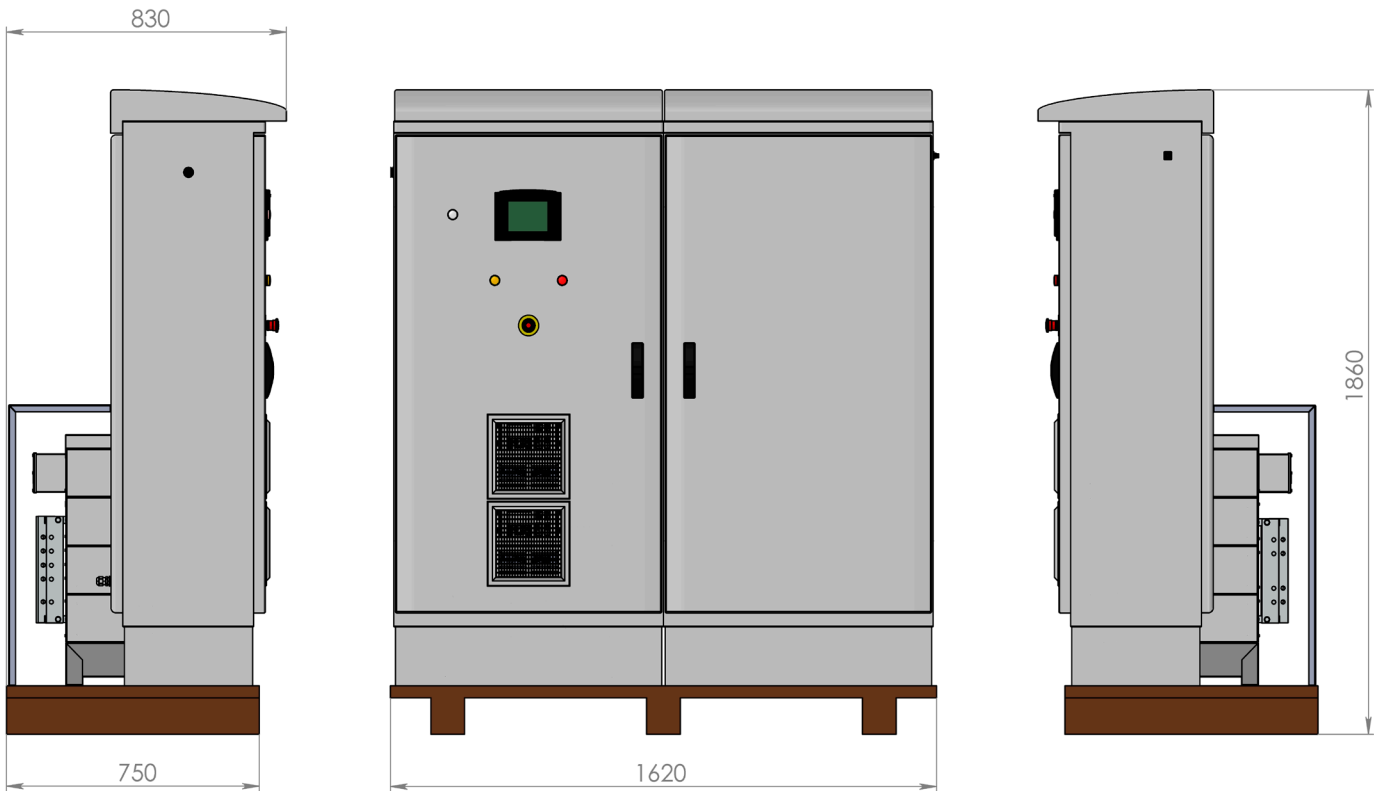


On site installations of ela12000

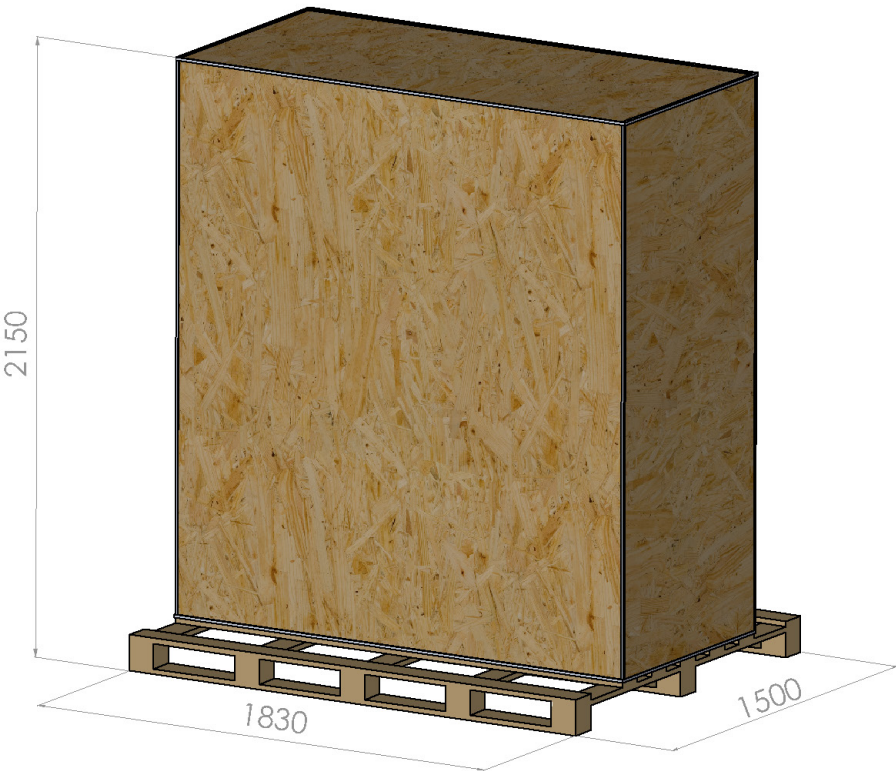


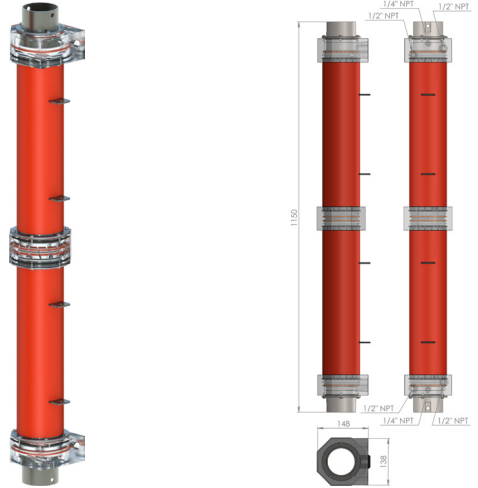
Specifications/Models	ela12000
Output capacity of analyte	Total output ~1200 LPH of ANK - Neutral Analyte with ~500 ppm of FAC
pH of HCIO	Regulation of pH in the range pH ~2.5-8.5
NaCl consumption	5-6 g per 1 L of 500 ppm HCIO Lower salt consumption on request
Weight of the generator	~345 kg
Crated weight	~460 kg

Dimensions of ela12000



Crated dimensions of ela12000



Power supply	400 VAC / 50-60 Hz. Alternatives are possible
Power consumption	~ 15 kW/h
Automated flushing	+
Acid pump	+
Brine pump	+
Input valve	+
Flow and pressure switchers/ controllers	+
Temperature switchers on the cells	+
Durability	Able to stand up to adverse conditions such as dust and high humidity
Life expectancy of electrodes and membrane	~ 10 years
Type of cell	R/RT-1200S 
Fittings	PVC-U GF piping system. NSF certified. Compatible with ASTM D1785, ASTM D2241 and ASTM D2846 standards for cold drinking and hot water + LLDPE tubing + Kynar fittings.
PLC Unitronics	Multicolor touchscreen PLC V570  Alternatives are possible

Accessories	• Main water tubing ~ 2 m • Anolyte tubing ~ 2 m • Catholyte tubing ~ 2 m • Brine tubing ~ 2 m • Acid tubing ~ 2 m • Salt filter – 1 pcs • Mains water fitting – 1 pcs • Wall mounting lugs – 1 set • Level switch for anolyte tank – 1 set
Options	• Remote control through Ethernet, Modbus TCP IP or GSM • Inline pH sensor • Inline ORP sensor • Automatic pH correction • Non-contact level sensor



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