envirolyte®

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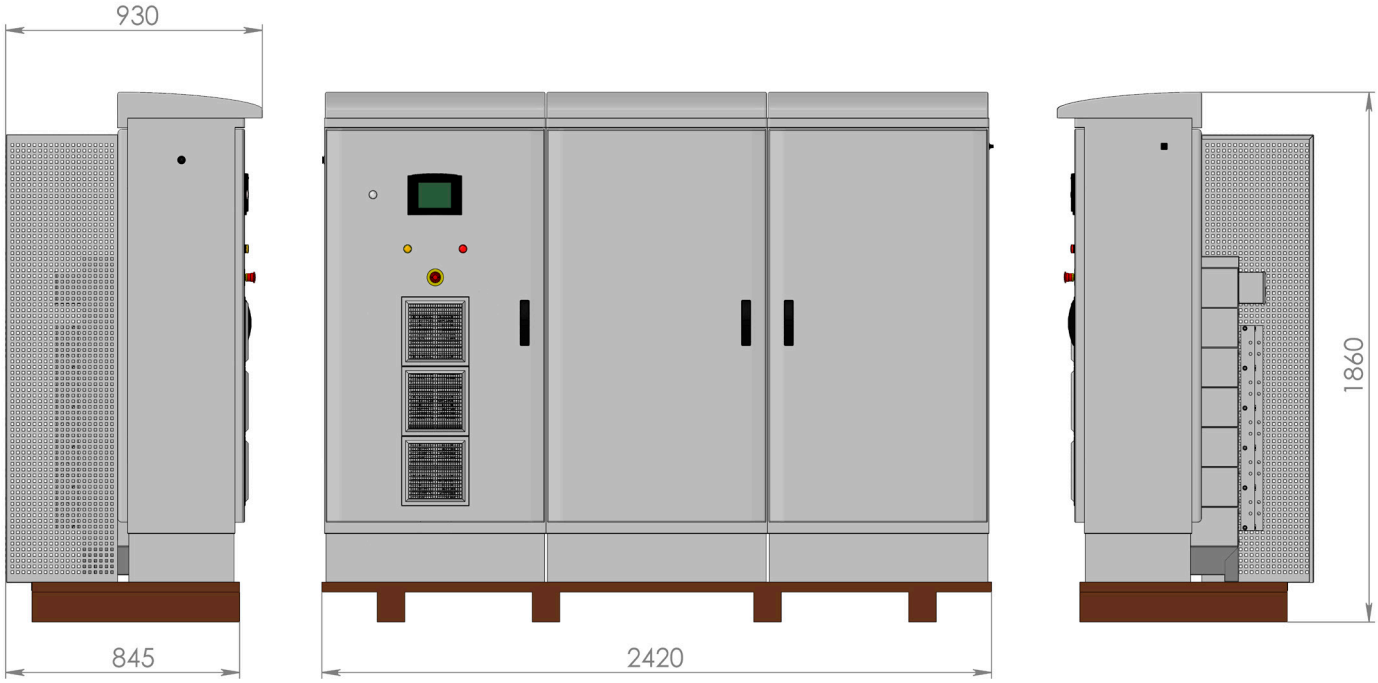
Technical Data Sheet of ela50000ANW anolyte (HClO) generator

External view of ela50000ANW

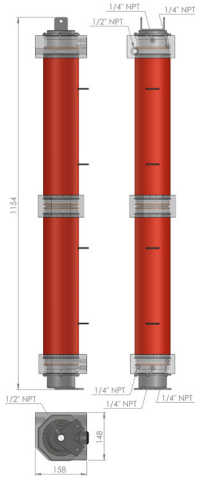
Specifications/Models	ela50000ANW
Output capacity of anolyte	Total output ~5000 LPH of ANK - Neutral Anolyte with ~500 ppm of FAC, pH ~7-7.5
pH of HClO	Regulation of pH in the range pH ~2.5-7.5 is optional and should be specified when ordering
NaCl consumption	1.2-1.5 g per 1 L of 500 ppm HClO Lower salt consumption on request
Catholyte flow rate	~25 LPH
Weight of the generator	~550 kg
Crated weight	~710 kg

On site installations of ela50000ANW

Dimensions of ela50000ANW



Crated dimensions of ela50000ANW

Power supply	400 VAC / 50-60 Hz. Alternatives are possible
Power consumption	~ 28.0 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	4 R/RT–1200S ANE 
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 • Non-contact level sensor

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