



INNOVATING FOR A BETTER WORLD



## Technical Data Sheet of ela60000ANW anolyte (HClO) generator

External view of ela60000ANW



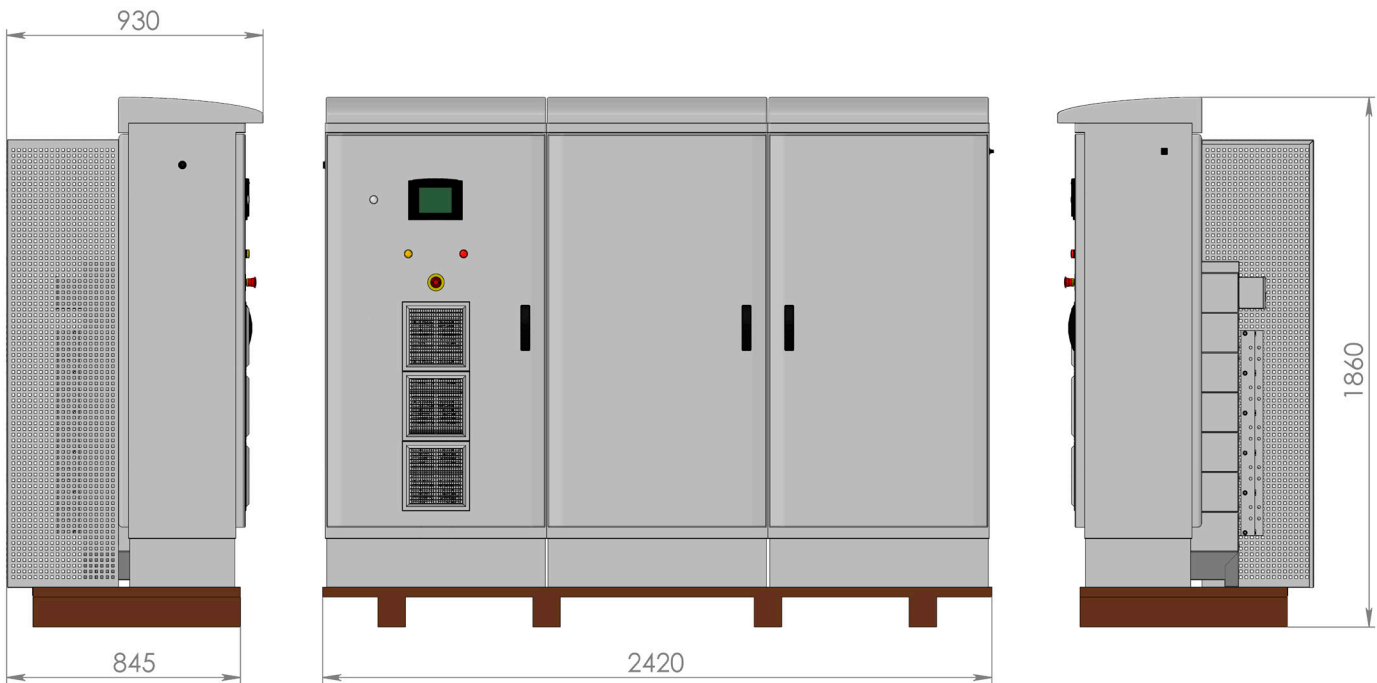
On site installations of ela60000ANW



|                            |                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------|
| Specifications/Models      | ela60000ANW                                                                                 |
| Output capacity of anolyte | Total output ~6000 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<br>Lower salt consumption on request                      |
| Catholyte flow rate        | ~30 LPH                                                                                     |
| Weight of the generator    | ~600 kg                                                                                     |
| Crated weight              | ~760 kg                                                                                     |

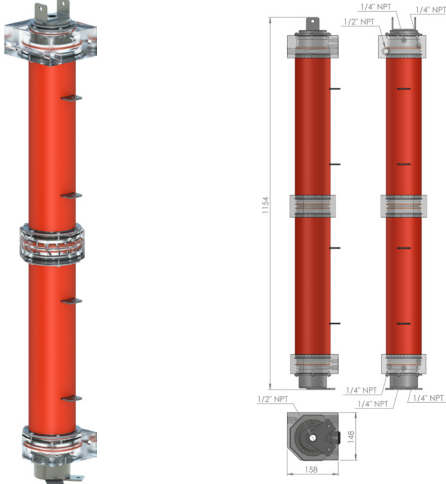


Dimensions of ela60000ANW



Crated dimensions of ela60000ANW



|                                            |                                                                                                                                                                         |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply                               | 400 VAC / 50-60 Hz. Alternatives are possible                                                                                                                           |
| Power consumption                          | ~ 34.0 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                               | 5 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 <br><br>Alternatives are possible                  |

|             |                                                                                                                                                                                                                                                                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accessories | <ul style="list-style-type: none"><li>• Main water tubing ~ 2 m</li><li>• Anolyte tubing ~ 2 m</li><li>• Catholyte tubing ~ 2 m</li><li>• Brine tubing ~ 2 m</li><li>• Acid tubing ~ 2 m</li><li>• Salt filter – 1 pcs</li><li>• Mains water fitting – 1 pcs</li><li>• Wall mounting lugs – 1 set</li><li>• Level switch for anolyte tank – 1 set</li></ul> |
| Options     | <ul style="list-style-type: none"><li>• Remote control through Ethernet, Modbus TCP IP or GSM</li><li>• Inline pH sensor</li><li>• Inline ORP sensor</li><li>• Non-contact level sensor</li></ul>                                                                                                                                                           |



**Envirollyte Industries International Ltd.**

Sarruse 16, Tallinn 13816, Estonia

Phone: +372 6626 630 | Fax: +372 6626 631 | E-mail: [envirollyte@envirollyte.com](mailto:envirollyte@envirollyte.com) | [www.envirollyte.com](http://www.envirollyte.com)