

# E-Sorp as Process Water Purification



## Purification Details

- Desalination cut between 20-99%
- Under conditions no pre-treatment
- High recovery up to 90%



## Benefits of Electro-membranes

- Limited scaling and fouling
- No high pressure, no noise, low energy
- Low OPEX, no chemicals



## Convenient Technology

- Remote access maintenance
- Robust, Plug and Play system
- Simple and easy-to-operate process

## E-sorp

- High desalination cut
- Recovery up to 90%
- Under conditions no pre-treatment
- Chemical free operation
- Environment friendly
- Zero noise level
- Immediate quality control
- Low OPEX
- Low footprint
- Quality tuning



# E-Sorp Summary



**Quality Tuning:** ability to control the product quality & ion composition by adjusting inlet current in-rush to the modules within set limitations. Client controls the product quality



**Robust and Reliable:** E-Sorp consists of very few components. It is a very simple process which is unlikely to be destroyed by mistake, by force or by staff ignorance paired with highly sophisticated current in-rush logics and by BKG build-to-last electronics



**Maintenance:** can be taken over by BKG via remote access connection anywhere in the world



**Plug and Play:** every unit is wet-tested and pre-set at BKG. After connecting the unit it is a plug-and-play system; easy for operator to set-up the system



**Green technology:** Chemical-free desalination, chemical-free softening, chemical-free denitrification, no waste pollution, low pressure, low energy, high recovery,

