

- Selective removal of salts and minerals; chemical free desalination 20-99%
- Chemical free softening; not ion exchange but physical removal
- Chemical free de-nitrification; not ion exchange but physical removal
- Precise water quality tuning; client controls the product quality
- Less fouling and scaling
- No high pressure resulting in less noise, less OPEX
- Low energy consumption; suitable for solar power feed-in
- Less pre-treatment required compare to traditional technologies
- High recovery up to 90% under conditions
- Plug and Play system; quick and efficient installation
- Robust and Simple technology; maintenance friendly
- Scalable technology
- Environment friendly due to limited chemicals, high recovery and low energy



- Quality mode can produce down to $\leq 10\mu\text{S}/\text{cm}^2$
- Quality mode will reach desalination cut greater 99%
- High recovery units can produce up to 90% recovery
- Solar Power Feed-In; desalination to potable water quality
- Battery Operation available
- In-built modem for remote control check

- Unlike RO; output quality control and adjustment to control immediate desalination cut to pre-set maximum
- Unlike RO; flexible to feed water alterations almost immediately to pre-set maximum level
- Unlike RO; temperature does not affect the output volume in greater extent
- Unlike RO; we like chlorine in the feed water
- Unlike RO; iron starts to be an issue at much higher levels
- Unlike RO where membrane is actual barrier; we allow higher levels of TSS and Turbidity
- Unlike RO; we can treat up to 60°C
- Compared to comprehensive RO systems foot print saving; less transportation cost