



## RO250SW SEAWATER

## DESALINATION PLANT



### Sustainable WHO-Standard Drinking Water from the Sea.

- ✓ WHO-standard drinking water from seawater
- ✓ High quality treatment system that will reliably provide good water every day
- ✓ 100% renewable energy – emission free
- ✓ Chemical-free operation
- ✓ Low-operating costs
- ✓ Reduces consumption of plastic and firewood
- ✓ Perfect for use in schools, health centers and village communities
- ✓ Enhanced resilience to climate change; droughts and cyclones



[moerkwater.com.au](http://moerkwater.com.au)



COMMUNITIES



HEALTH CENTRES



SCHOOLS



AGRICULTURE



VEGGIE GARDENS



STOCK



FISHERIES



# WATER PURIFICATION



## VOCATIONAL TRAINING

- ✓ Builds local capacity and skills to operate plant every day
- ✓ Reduces costs and delays associated with mobilizing support from cities
- ✓ Available at two levels for daily operators and technicians

## TECHNICAL BENEFITS

- Easy to operate**  
Simple controls consisting of start and stop buttons.
- Easy to maintain**  
Enhances reliability.
- Automated flushing**  
Membranes cleaned with freshwater automatically on shut down.
- Easy to transport**  
Can be carried up beach by hand and transported on small boats.
- Easy to install**  
Comes as completed module and no complex assembly of components required. Powerboard for solar system is also completed and wired in Western Australia.
- Energy efficient**  
Uses less power than a household kettle.
- Spare parts**  
Can be sourced locally as far as possible.



## TECHNICAL DATA

<b>CAPACITY</b>	up to 250L/h WHO-standard drinking water
<b>RECOVERY RATE</b>	12 - 15%
<b>FEEDWATER</b>	2,000L/h uncontaminated seawater
<b>POWER CONSUMPTION</b>	1.8kW, 240V Single-phase

## RO250SW

Water Treatment System Components.  
Pick what you need and contact us.

COMPONENT	DESCRIPTION	FEATURE
RO250SW	Desalination plant	Standard
PV	Solar system	Standard
PV-E	Extended solar array	Custom
W	Solar well pump	Custom
M	Media filter module	Custom
UV	Ultraviolet post treatment	Custom
Sat	Satellite anti-theft protection	Custom
3G	Live monitoring	Custom

Disclaimer: Moerk Water is constantly improving our Water Treatment Plants. Please contact us for detailed information. We accept no responsibility for any errors resulting from the use of this document

**moerkwater.com.au**