



**AFFORDABLE CLEAN WATER
WITH JUST THE SUN**

40% OFF

VALID UNTIL DECEMBER 31ST 2020

Model	Sea Water Hybrid Models			Brackish Water Hybrid Models		
	SolarRO SW 150	SolarRO SW 300	SolarRO SW 500	SolarRO BW 150	SolarRO BW 250	SolarRO BW 500
Permeate flow rate (m ³ /d)	150	300	500	150	250	500
Feed water flow (m ³ /d)	375	750	1250	176	294	588
Recovery rate (%)	40	40	40	85	85	85
Energy consumption (kWh/m ³) / Hybrid run 24/7*	1,8	1,8	1,8	0,6	0,6	0,6
Energy consumption (kWh/m ³) / Grid or generator 24/7	2,45	2,45	2,45	0,8	0,8	0,8
Overall electrical loading (kW)	18	36	60	5	8	16
Number of PV panels (275 Wp)	80	160	260	24	40	80
Population served	750	1500	3000	750	1500	3000
Number of containers	1x20'	1x40'	1x40'	1x20'	1x20'	1x40'
<p>* Assumption of 8 daily solar hours.</p> <p>* Price includes pre-treatment, post treatment, CIP, and inverters pre-installed and integrated in the containerized systems. Price not include PV panels.</p> <p>* Larger than 500 m³ capacities require multiple skids.</p> <p>* Additional smaller capacity options and configurations available.</p>						

KEY BENEFITS

1

Energy consumption and amount of PV panels reduced by 50% due to the patented mechanical ANVS®/ERD (energy recovery) system.

2

During the daily solar hours the power is taken directly from PV panels – no batteries or energy storage needed.
During the non-solar hours power from the grid or generator.

3

Power source can be changed from solar to grid and back, just by turning the electrical switch. No on-site adjustments needed.



Case Example: SolarRO SW Hybrid process diagram

- Patented ANVS® technology enable ultra-low energy consumption and maximize the water production
- Direct solar run → No batteries or energy storage needed → ERD availability → 50% energy requirement savings and 50% less PV panels
- Grid power run for non-solar hours → ERD availability → 50% energy cost savings
- Automatic operation, remote control, and monitoring 2.0
- Easy maintenance → simple CIP procedure
- Most sustainable desalination solution, lowest carbon footprint

OPTIMUM PERFORMANCE GUARANTEED
BY ESTABLISHED HIGH-STANDARD
COMPONENT SUPPLIERS

ABB

Danfoss

DOW

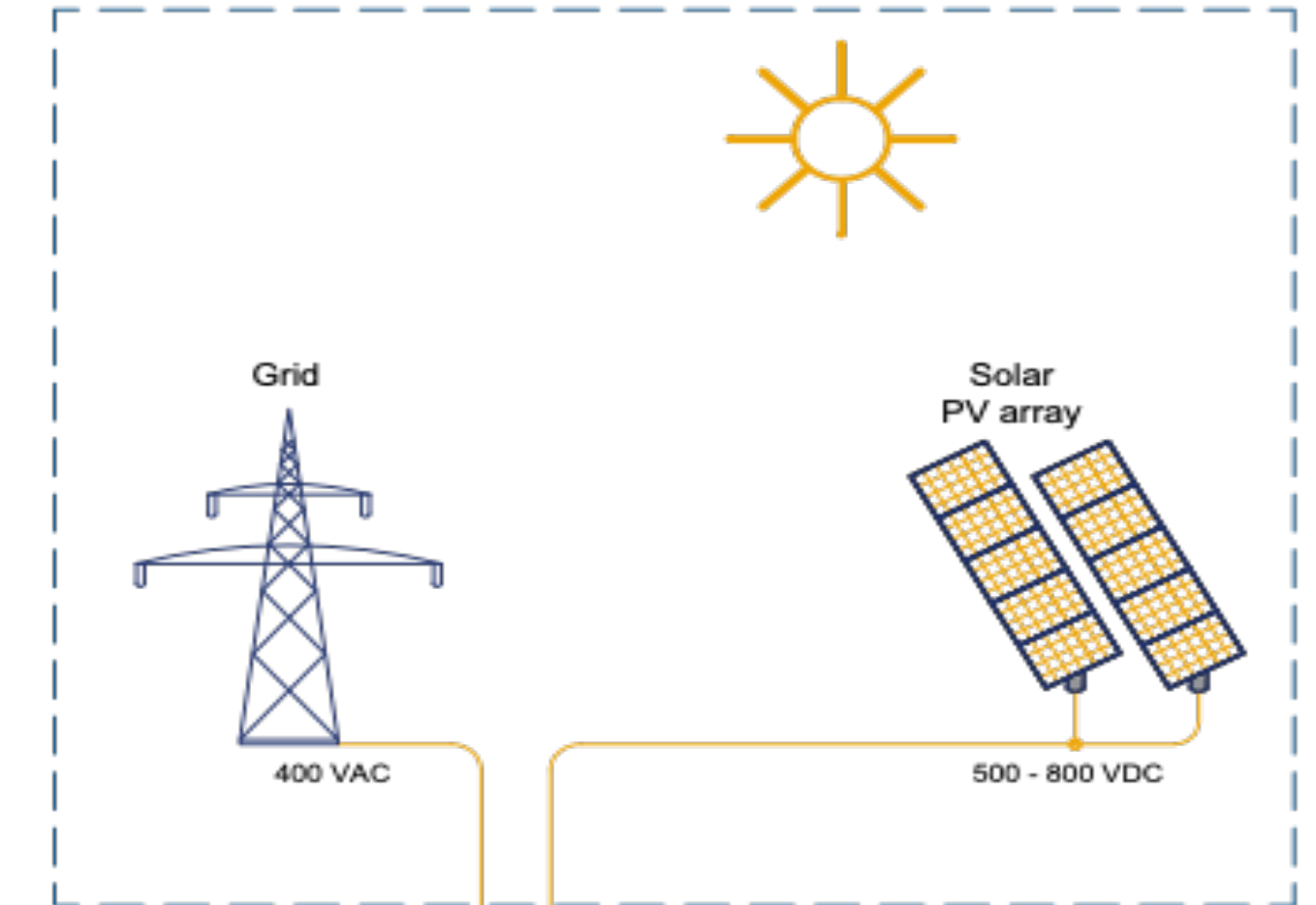
MayTec

PURION VAGON

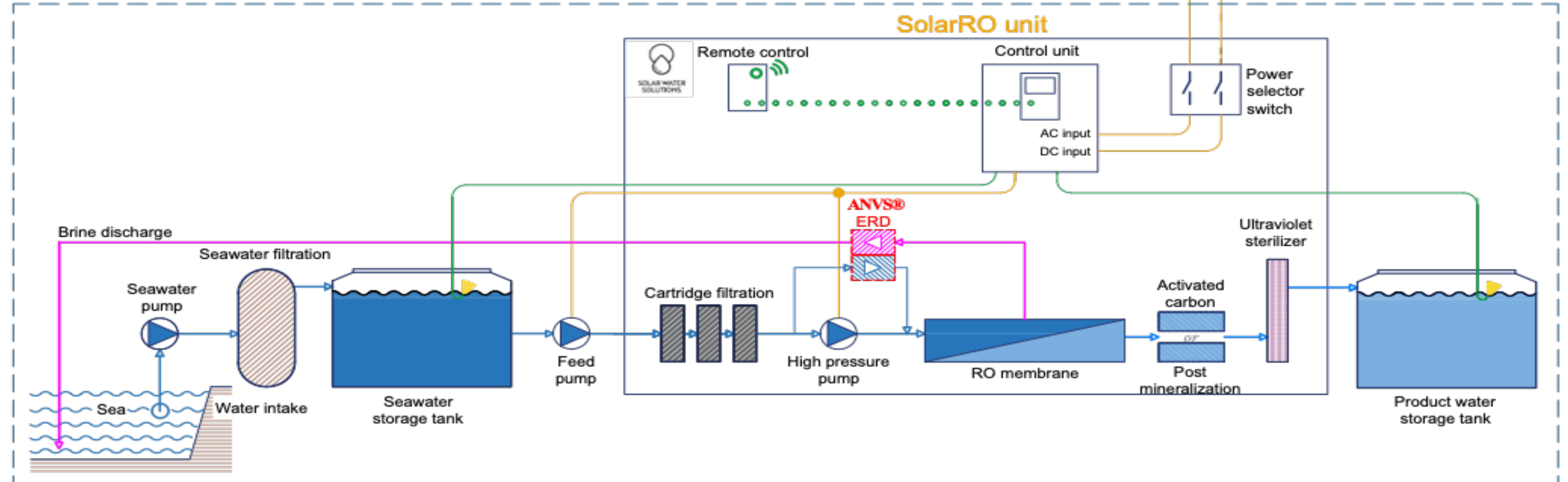
WIKAI

xylem

POWERGENERATION



SolarRO PURIFICATION SYSTEM



We support the partner with:

- Technically advanced engineering team
- Regular training locally
- Installation start-up service
- Information sharing online
- Sales, and marketing back-up
- ISO certified processes ensuring
- consistently high quality, quick delivery, full documentation, and easy service for clients.



CASE NAMIBIA: THE SOLAR-RO SYSTEM UP-AND-RUNNING AT THE NAMIBIA UNIVERSITY CAMPUS, PRODUCING CLEAN WATER FROM THE ATLANTIC OCEAN., POWERED BY SOLAR.



**THANK YOU FOR YOUR TIME.
NOW, LET'S GET STARTED.**

RONNY GRAUL

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