



**MEDI TEC INTERNATIONAL FAIRLIFE**  
MEDIATION IN TECHNOLOGY OFFERING FAIR LIFE TO THE WORLD!

## MediTec AquaCare FairLife

**Solar Driven Water Purification and De-Salinisation Systems**



MediTec WP10S1MD brackish water treatment solution for 1.000.000 liters per day run on solar with battery backup.

- Turn key solution ready to be instantly run in any existing environment at installation on sight.
- Extremely reliable, functioning, environmental and secure systems at low to no service maintenance.
- Quality, long-lasting, low-maintenance, back-washed filters handling salt, turbidity, iron and parasites
- Clean perfect water to camps, households plus for agricultural / industrial use in rural areas and cities.
- Water systems extended from a production capacity of 100 liters per day to 10.000.000 liters per day.
- Water systems that lift water from 1 meter to 100 meters head with perfect water purification capacity.
- Top of the world machinery components, pumps, filters, solar panels, batteries, mounting and service.
- Constant upgrading of our services solutions improving the functionality of the products to the client.
- 12 months warranty of our water production systems including all product components and equipment.





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## MediTec WPS Water Purification Salt Removal Solution

MediTec AquaCare FairLife produces pure water from great depth and/or from salty water at high volumes per day. The water produced is free from all bacteria, virus and parasites as well as salt, iron, dissolved solids, algae and fungi in accordance with the WHO guidelines for drinking-water quality. The units come shipped in the housing container. The solar panels are mounted to the container and can be demounted and packed in the container at relocation and reinstalled when put in a new location setting.

## WPS Transport Housing and Water Storage Container

MediTec AquaCare FairLife WPS products are made equipped with a pre-installed water storage tank that keeps the water at perfect quality with auto running ultraviolet purifying unit end of pipe, easy to use and the container housing come fully furnished and ready for use with all needed equipment for the start-up and running of the of water production unit with a minimum of installation work for the machine to deliver fully functioning.



## World Class Scandinavian Solar Photo Voltage Panels

Extremely long service life 3 layer rear foil with great wearing resistance. Extremely strong and secure panel outer glass and aluminum frame. Secure embedding of strong glass edge using UV light resistant silicon. Stand on container for high strength, easy assembly and theft-security.



## World Class Scandinavian Solar Energy Battery Power

Batteries of world-market manufacturer simply serviced and maintained. Batteries of highest cycle stability with max efficiency and life expectancy. Battery backup that can be used for limited production of water at night and 12VDC output for electrical light, charging phones and running radio.



## World Class Scandinavian Pump and Mechanism Protection

To ensure full functionality when moving WPS products are equipped with a well pumps; that can handle depths from 10 meters to 250 meters depth handling 10.000 PPM hardness, feeding 5,000 lit/day salty water and up to 160,000 lit/day for soft water, all made for harsh environments with elevated temperature with protection by resistant floating impellers, over voltage protection, overload protection and temperature protection.



## Auto-Backwash Iron-Sand, O2, RO, AC, UV and Re-Mineralization

The system has auto backwash auxiliary switches supervising the 5 layer 15 µm oxygen iron sand filter removing iron and dissolved solids, the 5 µm heavy metal, bad taste/smell/gas removal active carbon filter plus the double 0.01 nanom reversed osmosis removing salts and chemicals plus four UV-lights neutralizing all bacteria, virus, fungi, algae, parasites and re-mineralized following WHO highest water quality regulatory standards.



Our Solution!



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## WPM Mobile Water Purification Solutions

WPM line of equipment is a highly mobile durable and versatile water purification units for rescue work and other activities far from camp or general water source. WPM is a highly durable stand alone water production solution for activities in the field with distance to access of pure water and make water from river/lake water into perfect quality for human consumption. WPM can be freighted in metal box or carried as backpack and installed in minutes at water point.

WPM come in extremely strong fabric bag for carrying in the field with the possibility to carry as a backpack. Pockets for foldable solar panel, tubes and accessories.

Mounting for tubes and cords on outside through bag fabric. The inner shell containing the water production system in tough heavy duty material that is safeguarding the equipment when carried with an extensive hard core protection against shocks, dust, moisture and rain.

The solar panel charger can operate at the higher voltages required to charge lithium ion and other battery types equivalent to a wall or vehicle charger under ideal sun conditions. Although lightweight and portable, it offers a ruggedized structure that is durable under harsh conditions. It has a built-in blocking diode but requires a separately sold solar charge controller to prevent overcharging. Compact, lightweight, easily stored and transported.

WPM come with optional hardware outer box for transport on trucks and safe keeping locked in storage and for easy carrying and handling of the box in the field and transport on trucks simplified by the square shape of the box.

All MediTec products need very little or no expertise from the end user to operate the machine as the solutions are constructed with the most dependable components in the world offering protection against the environment and virtually maintenance-free because as they do not require frequent changing of filters whereas all solutions are self-cleaning backwashed for perfection in hygiene and quality.

All MediTec products need little or no expertise from the end user to operate the machine as the solutions do not need daily maintenance and do not require tough chemicals or frequent filter changing whereas all AquaCare solutions are auto-backwashed for perfection in hygiene and water quality.

