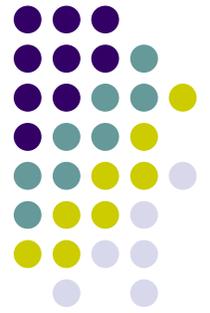


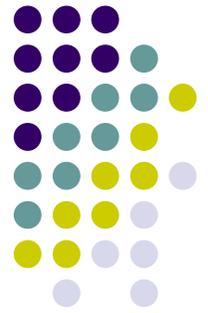
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Project Development Company
Calculable Clean Drinking Water



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MyWaterstation produces daily up to 7.000 liters of drinking water per day - solar powered.

Advantages

- German technology
- Extremely low production costs (less than 0,2 Cent each liter)
- Powered by solar energy + 24h storage
- High-tech equipment
- Practice-oriented development
- Proved quality for 10 years useage

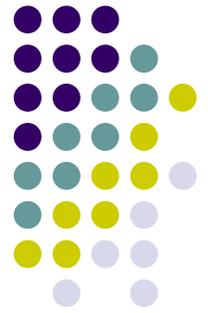
Users

- Commercial and non-profit users
- Agriculture (plants and animals)
- End Tap Installation for end users to get daily supply of healthy clean drinking water

TEV is your local technology and sales partner

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APPLICATIONS

The **MyWaterstation** is perfect and sustainable for small communities, schools, hospitals, rural villages, refugee camps and other remote facilities.

The **MyWaterstation** is a so-called END TAP INSTALLATION for End Users to get daily supply of healthy clean drinking water.



The **MyWaterstation** can be applied to many raw water sources like ground water, wells, surface water, water cisterns, rainwater collection, water trucks and city water supply.



Schools



Hospitals



Resorts



Rural Villages



Remote Areas



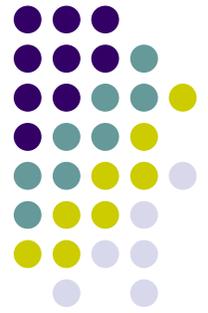
Refugee Camps



First Aid

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OVERVIEW



100% solar powered.
ON GRID supply (230V/110V)
via BACK-UP transformer.
Uninterruptible power supply
via battery in case of Power
break-down.



Up to 7.000 liters
of drinking water per day
with solar powered
operation.



Destroys microorganisms,
bacteria and viruses
without the use of chemicals.



Exceeds WHO
drinking water guidelines.
Monitoring according to
WASH PROGRAM OF WHO.



Fully automated system.
Shock protected mechanic.
Unique connectors against
mix-up installation.



Simply operation:
switch ON / OFF.



Easy to maintain.
Implementation and
expendable items - Plug&Play

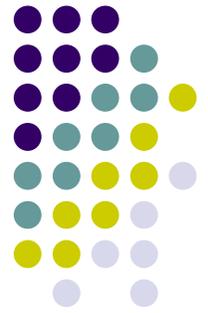


Designed for all tropical
& desert regions and
lack of infrastructure..



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WATER TREATMENT TECHNOLOGY

MULTI-STAGE FILTRATION



7 Filter steps eliminate particles and microorganism from raw water source.



Easy to maintain and to service only with Ring Key for filters. NO TOOLS required.

UVC DISINFECTION UNIT



Destroys microorganisms, bacteria and viruses without the use of chemicals.



Exceeds WHO drinking water guidelines
UVC Dose +400 J/m².
+99,99 % water purity.
Monitoring according to „WASH PROGRAM OF WHO“.



Housing & Filter with antimicrobial technology

Filter No 1:	200 mcr	washable
Filter No 2:	90 mcr	washable
Filter No 3:	25 mcr	fine filter cartridge
Filter No 4:	1 mcr	fine filter cartridge
Filter No 5:	10 mcr	filter cartridge carbon
Filter No 6:	5 mcr	filter cartridge carbon
Filter No 7:	0,2 mcr	fine filter cartridge

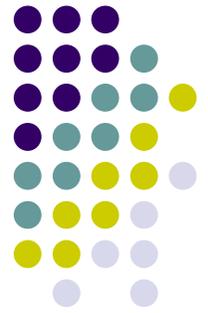
Spare Part Consumption

Ø 6 Filter Sets every 2-3 month according to the raw water situation and production volume of water.

UVC lamp life span: up to 2-3 years according to the production volume of water.

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TECHNICAL SPECIFICATIONS

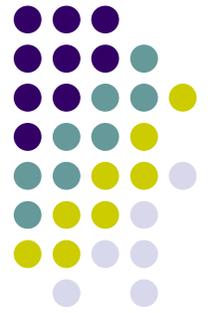


PERFORMANCE	Up to 7,000 liter/day with SOLAR POWERED operation - Optional: up to 14,000 liter/day ON GRID 24 h.
CONTROL UNIT	Siemens and GermanTechnology according German Standard DIN /EN.
POWER SUPPLY	12V DC System, Solar Panels 12V DC 300 Wp and ON-GRID Back-up Transformer.
DIMENSION & WEIGHT	113 x 40 x 75 cm / 80 kg
CASING	Steelbox with anti-corrosive coating, handle-bar for easy transportation.
MOUNTING	SAS Shock Absorbing System - Component's shock protected mounted for rough transportation.
RAW WATER SUPPLY	1/2 inch connector with UV protected hoses.
DRINKING WATER SUPPLY	1/2 inch connector with UV protected hoses.
MATERIAL	Non-toxic materials, suitable for drinking water in accordance with German Standard DIN/EN and DVGW guidelines.
EXPERT REPORT	Biodosimetric Disinfection Performance Testing of the Solar Water Treatment Unit. University Bonn - Institute for Hygiene and Public Health ihph , Collaboration Partner WHO .
WATER QUALITY	Water purity +99.99 % according WHO Standard, UVC Dose +400 J/m ² .



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DATA-CONTROL



LOGO CONTROL SYSTEM (LCS)
Made by Siemens

LCS - The LOGO CONTROL SYSTEM is the smart brain of [MyWaterstation](#).

LCS performs our philosophy of outstanding functionality, operation as well security concerning malfunction and manipulation for easy&safe operation.

LCS controls and monitors all operations of drinking water production as well as energy management generated by solar panels, GSM solar battery and ON GRID operation.

LCS stores and reports information about unit performance and status, as well as maintenance and service cycles.

LCS for easy update of software and monitoring protocols via LAN and SD card.

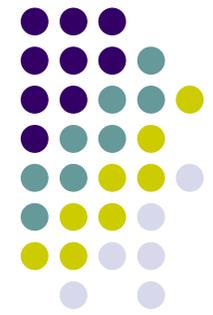
LCS guides users and technicians safely through the service and maintenance procedure for assured water quality.

LCS is based on German Made products, technology and software.



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MyWaterstation FACTS

MyWaterstation - Unique mobile solar powered Plug&Play Water Treatment Unit

- ✓ ENGINEERED & MADE IN GERMANY / BAVARIA - ISO 9001.
- ✓ Expert Report by University Bonn - Institute for Hygiene and Public Health ihph. Prevention Unit against COVID19 Virus.
- ✓ Destroys microorganisms, bacteria and viruses without the use of chemicals.
- ✓ All materials suitable and certified for drinking water - DVGW.
- ✓ Housing & Filter cartridges with antimicrobial technology.
- ✓ OFF-GRID independent and solar powered – solar water production up to 7.000 l/day.
- ✓ Simple one-switch operation ON / OFF.
- ✓ Easy to maintain and service without tools – pump, UVC Unit, hoses.
- ✓ LOGO Control Unit LCS - Siemens and Made in Germany Technology.
- ✓ Power Management.
- ✓ User guiding Control System for Service and Maintenance.
- ✓ Automated daily water production versus stagnation.
- ✓ Goods are not hazardous classified.
- ✓ Steelbox with anti-corrosive coating and transport bars.
- ✓ All Connectors different versus malfunction and manipulation.
- ✓ SAS Shock Absorbing System for rough transportation.
- ✓ Low weight and easy to transport - EURO Palette size.
- ✓ Cost efficient.



Schools



Hospitals



Resorts



Rural Villages



Remote Areas



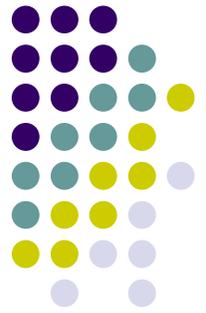
Refugee Camps



First Aid

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Calculable energy + independence for a long time



- **Contacts**

Volkmar Tetzlaff

- Phone +49 151 4129 2407
- E-Mail info@tev-consulting.de
- <http://tev-consulting.de/Project-Overview>