



CLEAN WATER, ANYWHERE IN THE WORLD

Supplier of: Modular Water Purification Systems • RO Desalination •
Solar-powered and Mains-powered • Atmospheric Water Generators



Services WaterCap Offers:



Design of water treatment systems utilising state of the art 3D software tools.



Vertically Integrated manufacturing



Minimised lead times



Products tested QA/QC



Specialised Installation Team of technicians led by leading certified water engineers to ensure the timely installation and commissioning of water treatment systems.



Experienced technicians with proven track records in supporting water treatment operations in complex environments.



Service support and logistical supplies globally



WaterCap has the engineering capability to design, build and install models ranging from 1m^3 - 120m^3 per hour on demand containerised mobile water treatment solutions. Bespoke projects of both mobile and fixed water solutions exceeding 120m^3 per hour can be scoped and supported on a project by project basis.

The above services allow for long-term operation of the equipment at the required performance levels.

MAINS POWERED WATER PURIFICATION SYSTEMS

REVERSE OSMOSIS (RO) (SWRO)

- Pre-engineered, Pre-assembled, Reverse Osmosis Water Treatment Unit in a 20' / 40' steel shipping container.
- Our containers are ergonomically designed, temperature-regulated with a coated floor.
- State-of-the-art automation executed Programmable Logic Controller (PLC)
- Data feed direct from the plant to engineering HQ and immediate online support.
- European standards of design combined with branded equipment such as Danfoss / Xylem / Lowara and Hydranautics Reverse Osmosis membrane elements.
- Wetted parts of all pumps included are Duplex stainless steel for high pressure and AISI 316/316L stainless steel for low pressure to ensure high resistance to corrosion.
- Estimated HPP power consumption up to $5\text{kWh}/\text{m}^3$
- Wastewater Treatment Plant (WTP) system has been designed and engineered to cope with raw water salinity up to TDS: 40.000ppm



System Requirements

RAW WATER ANALYSIS

A complete Physiochemical analysis of the Raw Water is needed prior to final detailed engineering of the system.

PARAMETER	VALUE
pH	6,95
Ca	1.499 ppm
Mg	450 ppm
NO3	1 ppm
SO4	250 ppm

ASSUMPTIONS

- Raw Water Boron < 5 ppm
- Chlorides > 24000 pp
- Raw water does not contain colloidal turbot, colloidal Silica, Colloidal Iron or any other pollutant not stated in the chemical analysis.
- No other pollutants that would potentially harm the membranes are present to the water to be treated.
- There is no organic load present in the raw water.

TREATED WATER QUALITY

Potable water according to WHO Drinking Water Quality Standards

SPECIAL MODELS

WaterCap treatment plants can be engineered upon request to cope with the variations of inlet water quality on inspection of the water analysis. Our containerised models can be from a single unit through to multiple units to support the required drinking water output clients require, we are also set up to provide bespoke and fixed Infrastructure water treatment plant builds.

TEMPERATURE

The Design temperature is 5 - 35°C
(Nominal Temperature 20°C)

Detailed P&ID layout diagrams along with complete hydraulic and electrical drawings will be delivered within four weeks following order confirmation date.



Infrastructure Required to Support Containerised Water Treatment Plant

1. Construction of a solid reinforced concrete flat base with no inclination in order the container can be placed horizontally.
2. Installed rated power up to 72kW (400V / 50 Hz)
3. Drain Channels for discharge to drain reject water dependent on size of treatment plant.
4. Appropriately dimensioned pipes from the untreated water tank to the container Inlet and outlet towards the treated water tank.
5. Static IP address which will forward remote Internet users to PLC IP. Infrastructure such as router, UTP cable for distance monitoring with a connection baud rate 2 Mbps.
6. Detailed chemical analysis prior to start up.



SOLAR-POWERED WATER PURIFICATION

COG is an official distributor of the patented OS MOSUN® solar (without the use or need for batteries) and mains-powered desalinated water purification system. We have sole distribution rights across Africa and in the following countries and states:

- Somalia
- Somaliland
- Puntland
- Yemen
- Uganda
- North Mozambique

COG's solar partner is one of four companies worldwide who are capable of producing battery-free solar-powered water purification technology

CAMP OPERATING GROUP (COG)

A division of Enigma Alliance and a Chelsea Group company, COG built and manages Chelsea Village – the comfortable and secure life support accommodation compound in Mogadishu, Somalia.

COG also built and installed the original 120,000L/day WaterCap desalination plant at Chelsea Village in 2013. The purification plant supplies purified potable water to World Health Organization (WHO) and European Union standards to all guests and staff. Our water standards allow Chelsea Village to operate a plastic-bottle-free water supply to residents, daily.

Our official distribution partner has installed numerous solar-powered purification plants around the world. This ground-breaking, patented solar-energy management technology coupled with COG's ability to operate throughout Africa in the highest of threat levels, allows for the confident provision of either solar or mains powered water purification solutions in any rural or conflict-affected zone.



Benefits Of Solar-powered Water Purification Technology



100% Solar energy

- No need for batteries
- Without fossil fuel and no CO2 emission
- No monthly operating costs



Strong economic competitiveness

Return on investment from 1.5 to 3 years. One of the lowest purified water costs



Low energy consumption

2,5 kWh/m³: lowest level of advanced desalination technologies



No greenhouse gas emission in operation

Low brine rejection

Different Modes Available:



SOLAR MODE (100% SOLAR)

This power-supply mode will incur no monthly electricity or diesel/generator operating costs, allowing for substantial OPEX savings. This operating mode alone will cover the client's current water usage requirement during a full day of sunlight and will also enable the client to operate 100% environmentally friendly system which will ultimately pay for itself over three years.

ENERGY MANAGEMENT SYSTEM IN BRIEF:

A measure of the available solar power allows the unit to start up, functioning under variable speed and flow and depending on the sun's intensity. The patented storage accumulator's system compensates the energy fluctuation due to cloud cover or lack of sun. In this mode, the pyranometer stops the process at dusk, which switches on stand-by mode, till the following day's sunlight.

HYBRID MODE (SOLAR COMBINED WITH THE ELECTRICAL GRID) PRODUCING MAX CAPACITY

This power-supply method will incur approx. 20% of the first option's monthly operating costs.

Energy management system in brief:

The unit functions by coupling solar energy and the conventional electrical grid.

The solar power is used in priority and entirely consumed, the network energy is complementary during the day and becomes the only energy source at night if needed.

Plant Types

WaterCap is able to design and supply according to specific needs and has a range of 14 standard water plants catering from 1,000L/day up to 600,000L/day, 100% solar-powered purification systems.

Our largest plant has the capacity to purify 2,000,000L/day when coupled in Hybrid mode.

Our smallest 1,000L per day plant (Osmosun 0.1 SW) is the ideal plug and play solution for low volume needs in any environment with limited or no access to the electrical grid.

Our larger plants are custom-built into either 20ft or 40ft ISO containers, and are shipped.



OSMOSUN 0.1SW

PLANT TYPE OPTIONS

Various plant size options available (sea water & brackish water purification):

	SEA WATER PURIFICATION			
	Capacity (m ³ /h)	100% Solar Capacity (m ³ /day)	Hybrid Solar/ Grid or Generator Capacity (m ³ /day)	Solar Generator (kWp)
PLANT OPTIONS	0,1	0,70	2,5	1
	1,3	10	35	11
	2,6	20	70	22
	7	40	140	33
	13	80	280	66
	24	160	500	121
	30	200	650	145
	43	300	950	240
	86	600	2000	460

	BRACKISH WATER PURIFICATION			
	Capacity (m ³ /h)	100% Solar Capacity (m ³ /day)	Hybrid Solar/ Grid or Generator Capacity (m ³ /day)	Solar Generator (kWp)
PLANT OPTIONS	0,75	5	18	5,5
	3	20	70	11
	6	40	130	22
	15	100	250	50
	30	200	550	94

NOTES

To deliver high quality permeate water coupled with outstanding fouling resistance, membranes are selected from the best suppliers (DOW, Toray) for their high performance, robustness, and durability. The efficiency and sustainability of the membranes under the OSMOSUN® process were certified by the European Institute of Membranes.

The units are equipped with an energy recovery device to obtain the lowest specific energy consumption for RO (Reverse Osmosis) plants. All the pumps and energy recovery devices are manufactured by the highly accredited Danfoss. Volumetric pumps are made with high-quality stainless steel 904L. Efficiency of such pumps reaches 94%. Centrifugal multistage pumps made with high quality in stainless steel 316L.

All the high-pressure piping is made of stainless steel AISI 904L Super Duplex, connected with welding and Victaulic fittings. The low-pressure piping is made of HDPE and PVC with Plasson and PP fittings. The valves are supplied by well-know international brand companies.

The electrical cabinet is provided with the HMI and the Programmable Logic Controller. The units can be equipped with a remote monitoring system. This system allows the archiving of data and SMS monitoring.

The solar free energy decreases the usual OPEX more than 50% compared to conventional RO plants powered by the grid or batteries.

Osmosun 0.1 SW (our smallest system)

0.1 m³/ hr / 0,7 to 1m³/day solar powered/ 2 to 2,4 m³/ day hybrid powered option.

A solar-powered reverse osmosis desalination unit, the smallest of WaterCap's range comes in a 1x1 metre box which includes the solar generator and panels, making it truly portable.

SEAWATER PUMP

Technology	Centrifugal Suction
Material	316L Stainless Steel
Speed	1 m ³ / hr
Electric power	0.22kW

LP PUMP

Technology	Vanes
Material	Stainless Steel & Carbon
Speed	1650 rpm max
Pressure	14 bar max
Electric power	0.55kW

PRESSURIZING

Technology	Booster Piston
Material	Stainless steel 316 & Glycodur
Speed	1650 rpm max
Pressure	65 bar max
Flow	0,1 m ³ / hr under 65 bars

SCREEN FILTER

Quantity	1
Material	PP
Filtration rate	400 µm

CARTRIDGE FILTER

Quantity	1
Material	PVC-U
Size	10"
Cartridge quantity	1 per filter
Cartridge type	5µm

COAL FILTER

Quantity	1
Material	PVC-U
Size	10"
Cartridge quantity	1 per filter

VESSELS

Quantity	2
Max operating pressure	65 bar
Test pressure	100 bar
Operating temperature	-7°C to 49°C
Storage Capacity	1 Membrane

MEMBRANES

Quantity	2
Size	4"
Operating pressure	65 bar
Operating temperature	45°C Max
Maximal SDI	5
Water turbidity	1 NTU max
Max free Cl₂ pH	<0.1 ppm
Tolerance	2 to 11

ELECTRIC CABINET

The electric cabinet ensures the automatic operation of the OSMOSUN® 0.1 SW unit:

- Water production process management
- Process securities and alarm management

In autonomous 100% solar mode:

- Automatic start and stop following the solar power coupled to a timer.
- Production parameters adaptation following the sunlight.

In grid operation mode: (option)

- Optimized equipment management depending on the available energy sources. The unit can operate on solar mode or on conventional energy source.

The electrical cabinet allows the unit to be run manually especially during maintenance phases (chemical washing, membranes checking ...).

OPERATING

The OSM OSUN® 0.1 SW is a solar desalination unit, fully self-reliant and running on sunlight, producing 0,7 to 1 m³/ d of water in solar autonomous mode and 2 m³ / d to 2,4 m³/ d of water in hybrid mode (grid, power generator ...).

The entirely automatic running cycle functions as follows:

100% solar mode

A measure of the available solar power allows the unit to start up, functioning under variable speed and flow and depending on the sun's intensity. In this mode, the pyranometer stops the process at dusk, which switches on standby mode, till the following day. When the unit restarts, a membrane flushing is automatically done.

100% electrical grid mode (option)

The unit must be switched manually on grid. Run and stop will be switched on by an operator.

The produced fresh water will be corrected if necessary (PH and minerality) and then directly injected into the fresh water distribution system. (Optional)

MAINTENANCE

The OSMOSUN® 0.1 SW maintenance is carried out on several levels as following:

- Filters replacement.
- Scheduled maintenance pumps and energy recovery hydraulic system.
- Chemical washing of the membranes every 3 to 9 months.

CONTROLS AND SAFETIES

Main securities are electromechanics.

SOLAR PLANT

The OSMOSUN® 0.1 SW unit requires a connection to a 1 kWp solar plant (for a 1.800 kWh/ m²/ yr irradiance)

This solar plant is composed of 4 photovoltaic panels of 275W p* that is to say a surface of 10m² for a ground mounting on sandbox type supports. The PV panels use polycrystalline technology and are resistant to salt spray.

The PV panels have a 25-year service lifetime.



GENERAL CHARACTERISTICS	UNIT	FOR 1 PV PANEL
Nominal power	Wc/Wp	275
Panel efficiency	%	16.8
Temperature range	oc	-40°C/ +85°C
Size	mm	1649 x 991 x 40
Weight	kg	18.5
Protections	-	IP67

CHARACTERISTICS/ PERFORMANCES		
GENERAL CHARACTERISTICS	UNIT	OSMOSUN® 0.1 SW
Size	mm	850 x 915 x 420
Dry weight	kg	80
Solar Feed voltage	V	24V DC
Grid voltage	V	220 V AC (option)
Installed power	kW	0.65
Consumed energy	kWh/m ³	3.5/4*
NOMINAL OPERATING PARAMETERS		
Inlet flow	m ³ / hr	1
Solar outlet flow (pure water)	m ³ / jr	0,7 to 1
Hybrid outlet flow (pure water)	m ³ / jr	2 to 2,4
Membranes number	unit	2
Recovery rate average	%	10
Pure water tds	ppm	<500

*According to seawater tds.

WATER FROM THE AIR: ATMOSPHERIC WATER GENERATORS (AWGS)

COG is an official distributor of Genaq Atmospheric Water Generators. Portable, able to function in temperatures of 50°C, in a humidity of less than 20%, only air and a source of energy is needed. Solar power, wind turbines and generators are also options, and the water produced is to World Health Organisation standards. This is a highly economical solution when there is no source of clean water nearby, and we have sole distribution rights across the following countries:

- Somalia
- Somaliland
- Puntland
- Yemen
- Mozambique

These 4th generation AWGs are in operation in more than 35 countries, with 30 years of manufacturing and design experience behind them.

PORTABLE ATMOSPHERIC WATER GENERATORS (AWGs) AND BENEFITS OF USING AWGs

Genaq's mission with its portable Atmospheric Water Generators is to provide secure access to high quality potable water, at low cost, in a sustainable manner and in situations without access to readily available water or energy supplies.

- Simply plug in and drink
- No water impurities
- Very low cost water supply
- No infrastructure or pipework
- Dehumidifies and purifies enclosed spaces

Range of Atmospheric Water Generators



STRATUS S200

201 li/d • 0.66kWh/li



STRATUS S50

52 li/d • 0.6kWh/li

STRATUS S50 & S200

GENAQ Stratus S50 has nominal generation capacity of 52 litres/day.

- Typical applications: high-quality potable water for domestic accommodation, offices, hotels, hospitals.
- Due to its small dimensions, it is ideal for small offices; it delivers high-quality drinking water (up to 15 people).

GENAQ Stratus S200 has a water dispenser format with a nominal generation capacity of 201 litres/day.

- Typical applications: high-quality potable water for domestic accommodation, offices, hotels, hospitals.
- It is ideal for larger offices, delivering high-quality drinking water (up to 70 people).
- Plumbing installation is not required.
- Power supply required.
- No storage space required.
- Produces no waste.
- Several water purification options are available.

NIMBUS N500 & N4500

GENAQ Nimbus N500 operates in a Remote Supply format, with a nominal generation capacity of 504 litres/day.

- Typical Applications: industrial installations such as oil rigs, mining camps, construction sites or any other remote facility.
- It is designed to be transported with pallet trucks and to fit on an EUR-pallet.

GENAQ Nimbus N4500 operates in a Remote Supply format, with a nominal generation capacity of 4537 litres/day.

- Typical Applications: industrial installations requiring large amounts of drinking water such as oil rigs, mining camps, construction sites or any other remote facility.

- **NIMBUS** units can operate under extreme environmental conditions up to 55°C with the ability to extract water with low ambient humidity and have been optimised to minimise the energy cost of water generation.
- Several water purification options are available.
- NIMBUS units are compatible with external tanking with an integrated recirculation mode to maintaining safe water quality.



NIMBUS N4500

4537 li/d • 0.43kWh/li



NIMBUS N500

504li/d • 0.43kWh/li



CUMULUS C50

52li/d • 0.44kWh/li



CUMULUS C500

573li/d • 0.56kWh/li

CUMULUS C50, C500 & C5000

GENAQ Cumulus C50 is designed with a nominal generation capacity of 52 litres/day.

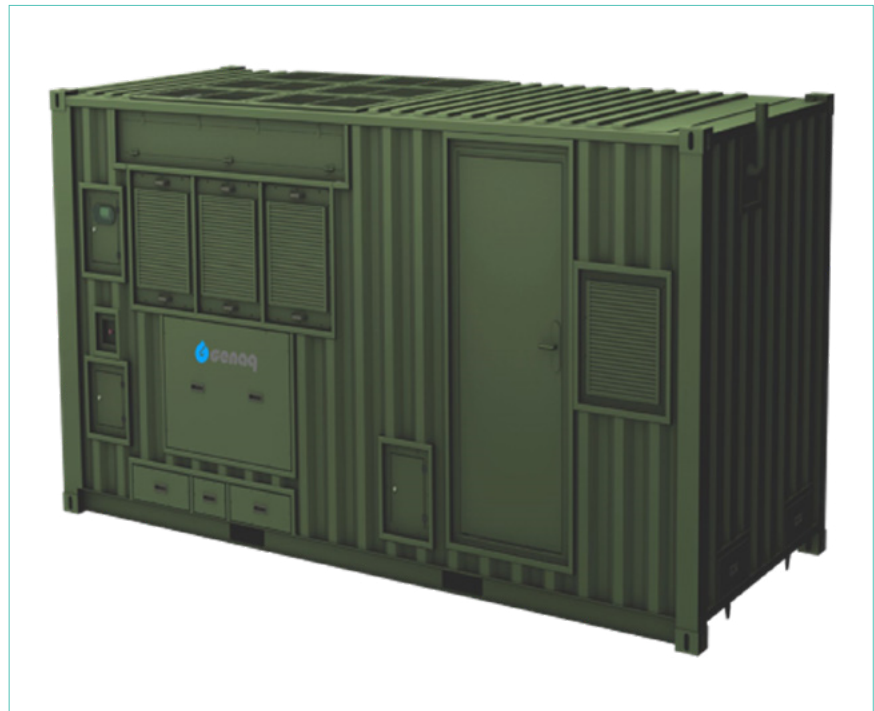
- Structurally reinforced, adaptable for emergency response & disaster relief as well as civilian and military operations.
- Its design and light weight allows it to be carried by two people.

GENAQ Cumulus C500 is designed to operate in an Emergency Response format, with a nominal generation capacity of 573 litres/day.

- Structurally reinforced for emergency response and includes easy-to transport and carry features to adapt to disaster relief as well as civilian and military operations.
- Its design with wheels allows it to be moved by one person.

GENAQ Cumulus C5000 is designed with a nominal generation capacity of 5192 litres/day.

- Optimised to maximise water generation it features a double refrigeration circuit to provide operational redundancy and reliability.
- It can be integrated with a 2000 litre tank, a Power Unit (genset) and a 20ft container to allow easy transportation by land, air or sea for rapid deployment, offering an ideal solution for military operations, disaster relief and other civilian and armed forces requirements.
- **GENAQ Cumulus** can operate under extreme environmental conditions up to 55°C.
- Several water purification options are available for GENAQ Cumulus.
- GENAQ Cumulus units are compatible with external tanking and the integrated recirculation mode ensures the water remains safe and to a high quality.



CUMULUS C5000

5192li/d • 0.4256kWh/li



Generators - Features



Pure Drinking Water



Environmentally-friendly



Autonomous



Low Cost



Tested and Certified



Connected

WHY CHOOSE GENAQ WATER? CHOICE?

- Creates purified fresh water freely available from the air
- Proven in worldwide operations over a wide range of climatic conditions and geographical locations
- Leader in its class of all AWG's available today
- The only AWG to be Climate Chamber tested and certified by TUV Rheinland
- Water quality certified by Spanish ENAC national laboratories

• Product range offers multi-role operational capability:

- Armed Forces, Emergency Services
- NGO's, UN, Disaster Relief, Charities
- Industrial – Mining, Oil, Agriculture
- Medical – Hospitals & Treatment Centres
- Administration – Offices, Education Centres
- Private & Domestic

PROVIDING THE FULL SOLUTION

- Cost competitive to all other AWG systems on the market today
- Water cost per litre a fraction of bottled water prices
- Low energy consumption and minimal carbon footprint compared to that of bottled water production & distribution
- Water is free of microplastics or other contaminants
- The water meets medical and surgical standards
- Multiple power supply options – local electricity supply, generators or solar
- Worldwide technical and after sales support network

PAST AND PROVEN PERFORMANCE

I. Mains-powered Water Treatment Plant in Mogadishu

This is the 100% mains-powered water purification plant currently supplying WHO-standard purified water to 150 Chelsea Village residents daily inside the AAIA zone in Mogadishu.

- **Nature of the project:** Turnkey desalination water supply project supplying Chelsea Village accommodation camp with WHO-standard potable water, piped throughout the camp.
- **Cumulated capacity:** 120 m3 per day
- **Energy supply:** Utilisation of main electrical power grid only.
- **Commissioning:** Sept 2013

COG's water purification system in Somalia has been providing WHO-standard potable water to the international community currently stationed at Chelsea Village in Mogadishu, Somalia since 2013.



Our currently installed water desalination plant at Chelsea Village in Mogadishu, which has the capacity to produce 120,000 litres per day

The WaterCap Desalination Plant at Chelsea Village is linked via internet allowing for alarm parameters to be monitored live 24/7



WaterCap's 20ft or 40ft containerised water purification solutions

2. Water System Installation for British Embassy in Mogadishu

REQUIREMENT:

An outdated mains-powered water purification plant was no longer economically viable for use due to outdated technology and severely worn system components, resulting in constant breakdowns. This resulted in outsourcing of potable water supplies.

SOLUTION:

To replace the worn-out purification plant with a technologically advanced, fully containerised water plant built to EU standards.

DESIGN:

- Manufactured in Europe as a 'plug & play' installation
- Ability to produce a maximum of 28,000L/day of WHO-standard potable water piped into 80 accommodation rooms (each comprising of shower, toilet, and wash basin), as well as a commercial laundry and kitchen.
- Designed to withstand extreme corrosive coastal air with high temperatures, high humidity, and salt levels common in Somalia.

The following as standard for all plants installed in this geographical region:

- Welding standard (0408-CPR-TA02172)
- Welding Quality Control (ISO 3834-2)
- Production Control – Corrosion & Structural Design (0408-CPR-TA02172)
- CE-marked equipment and components
- Air conditioned for the specific heat load of the equipment and external influences.

SHIPPING AND INSTALLATION:

The containerised system was shipped from Europe to Somalia via our proven logistics and shipping solution allowing for a timeously installation.

The unit was pre-commissioned and tested for 72 hours at our Watercap base inside Chelsea Village in Mogadishu, prior to being transported to site for a successful three-day plug & play installation.

SERVICE/MAINTENANCE:

As with all our water plant installations, we offer a 12-month fully comprehensive maintenance plan which includes daily site visits for client training and

servicing during the first month, after which our permanently employed in-house water technicians are available on-call 24/7.

ADDED VALUE:

- The unit is electro-mechanically designed for the connection to a solar generator (without batteries) as an option, which will allow the plant to operate in **Mains Only, Solar Only and Hybrid modes.**
- The Solar Only power mode will **incur no monthly electricity or diesel/generator operating costs**, allowing for substantial OPEX savings.
- This operating mode alone will **produce 18,000L of purified desalinated water during a full day of sunlight.**
- It will also enable the client to operate a total **environmentally friendly system** which will ultimately pay for itself over 3 years, if used as an option.



3. Solar-powered Water Treatment Plant in Mozambique

This is 1 of 6, 100% SOLAR-powered water purification plants currently supplying WHO-standard purified water to 6 villages in the Gaza province of Mozambique as shown below:



While boreholes enabled easy access to underground water resources, the salinity levels of these made the water unsanitary for human consumption, forcing local inhabitants to walk a long way – 7 to 10km – every day to directly access fresh water, from the nearby river. To address this unbearable situation, a support agency launched a standalone solar desalination programme to supply purified water to a set of six villages, representing more than 7,200 inhabitants of this remote region; four villages being totally off the power grid, located 200km inland.

A NEW SOLUTION FOR THE FRESH WATER SUPPLY OF AFRICA

The installation of the six units demonstrates the technical and economic viability of solar powered desalination to supply clean drinking water to remote populations of Africa. This reference opens a new future to communities throughout Africa which, still do not benefit from this vital resource, and is an opportunity which COG is proudly part of.

- **Nature of the project:** Turnkey water supply projects connecting solar powered desalination units with no battery to a small-scale water distribution system.
- **Cumulated capacity:** 145 m3 per day split over 6 sites
- **Energy supply:** total solar power installed of 88kWp. 4 units works 100% solar powered with no battery, and 2 units are Hybrid connecting to the grid for functioning without sunlight.
- **Commissioning:** June 2018

WATERCAP OFFERING

1. Design, deliver, supply of Equipment as previously described.
2. Procurement of equipment as previously described.
3. Complete Operation Manual
4. Maintenance Instruction Manual covering recommended maintenance regime.
5. KKS numbered P&ID's and labelled Electrical Drawings and system parts for convenient Installation and access.
6. Feasibility for FAT testing of the system prior to shipment
7. Feasibility for training at the factory.

Warranty / Payment Terms

WARRANTY

Twelve months according to the company warranty policy
Consumables such as cartridges and chemicals are not included
The warranty does not cover Indirect costs and loss of earnings and is valid only on condition that spare parts and consumables proposed are used. During the time of warranty any defective or worn piece of equipment or spare part will be replaced at no extra cost. Failures associated with abnormal use of the equipment, violation of written operating Instructions and external factors are excluded from warranty.

PAYMENT TERMS

- Prices:** In Dollars Net excluding VAT.
Costs are dependant on water analysis and client specific requirements and will be supplied on quotation.
- Payment Terms:** 50% Advance Payment , 50% at FAT test completion
- Delivery time:** 80 - 110 days
- Delivery Terms:** Ex Works Factory.

BUYING OPTIONS

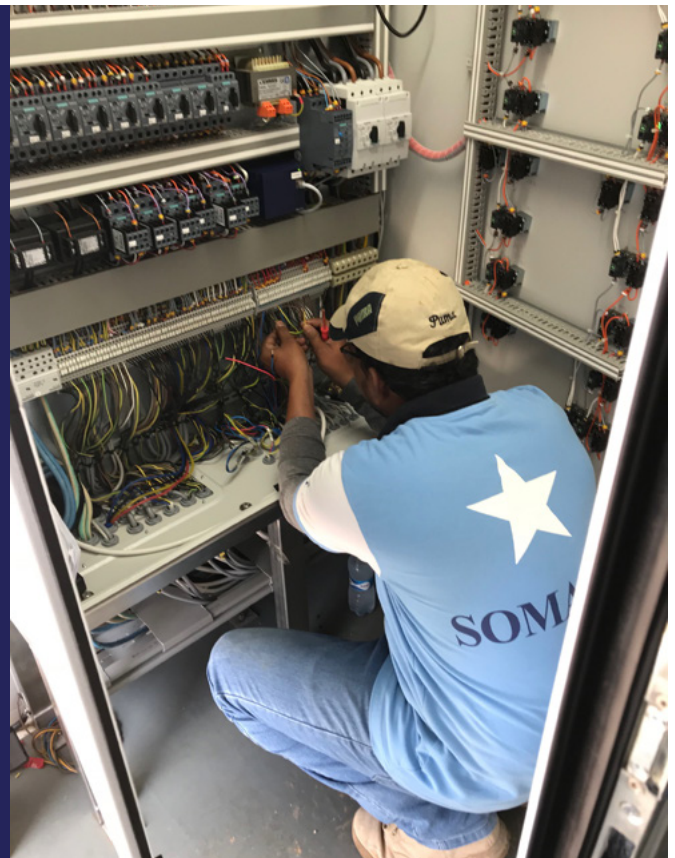
- Straight buy
- Leasing
- Water purchasing mechanisms
- End-to-end solution

SERVICE SUPPORT

Enigma Alliance has a dedicated construction team that can conduct site surveys and pre construction work on all Civil's required to support your containerised water treatment plant; this is at an additional cost. Our team have worked in some of the most hostile places in the world and are set up to work in harsh conditions.

We also have a trained service department and personnel for reliable efficient After Sales Service. Our team will ensure that logistical supply lines are established for Chemicals and spare parts that are required to support your water operation. This is at an additional cost.

WaterCap and Enigma Alliance services are set up to provide the client with an end-to-end solution and service, when required by client.





For more information on how we can support your solar-powered or mains-powered water purification needs, please reach out to:

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