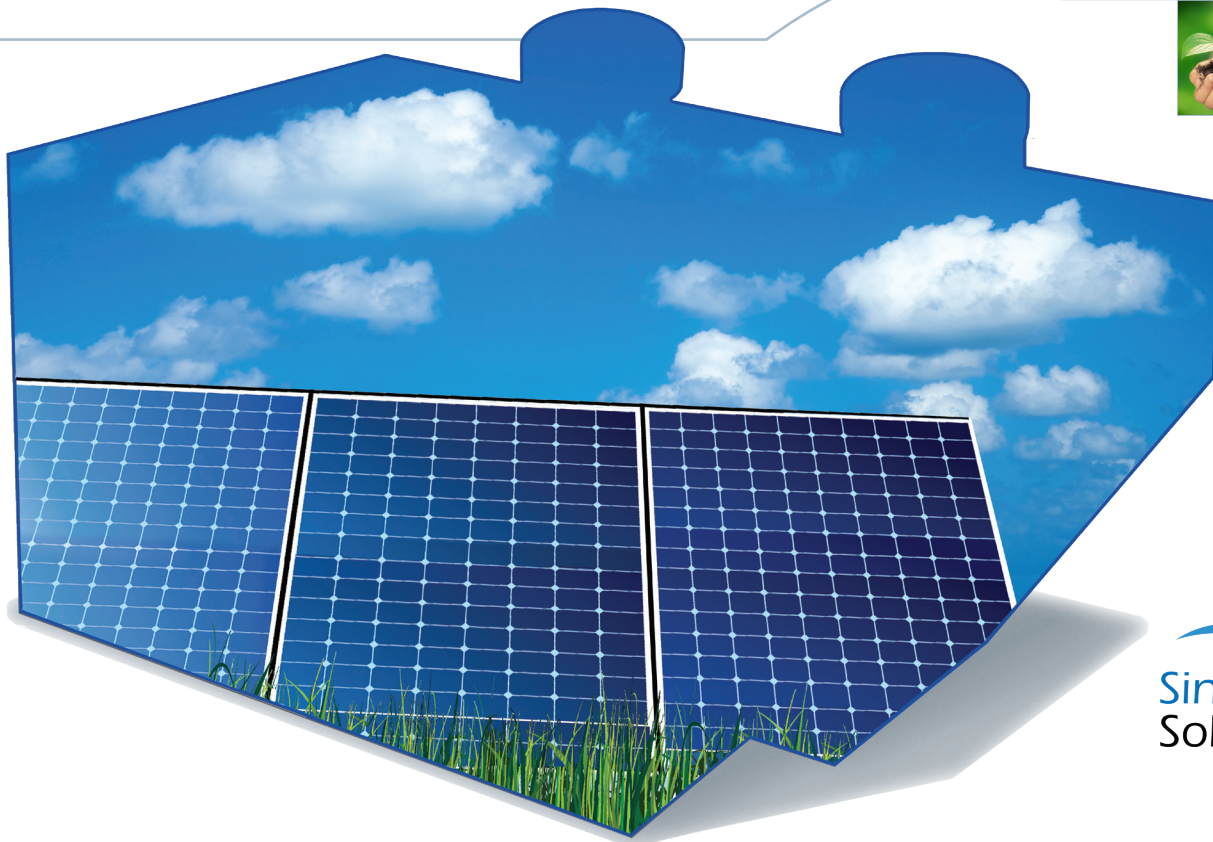
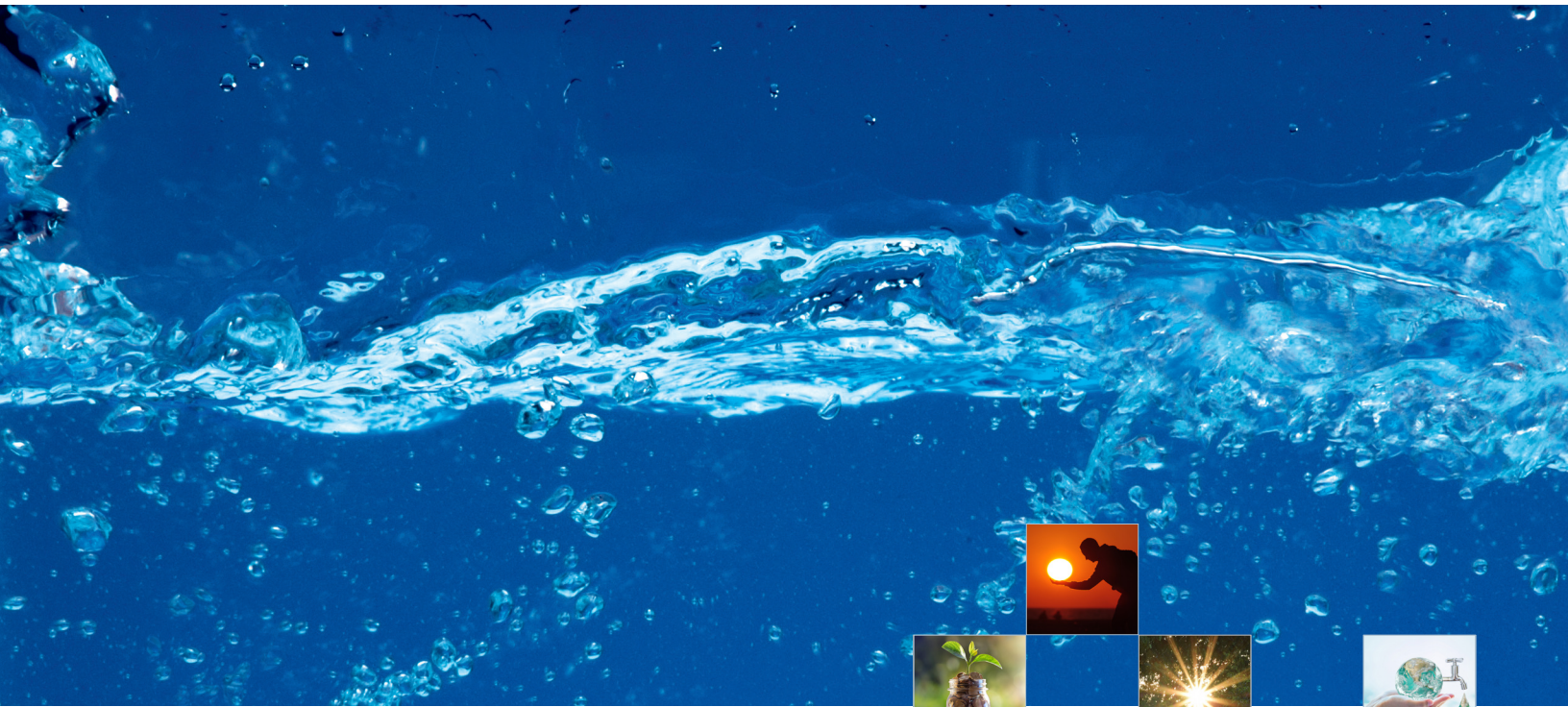


SINGULAIR[®] SOLAR



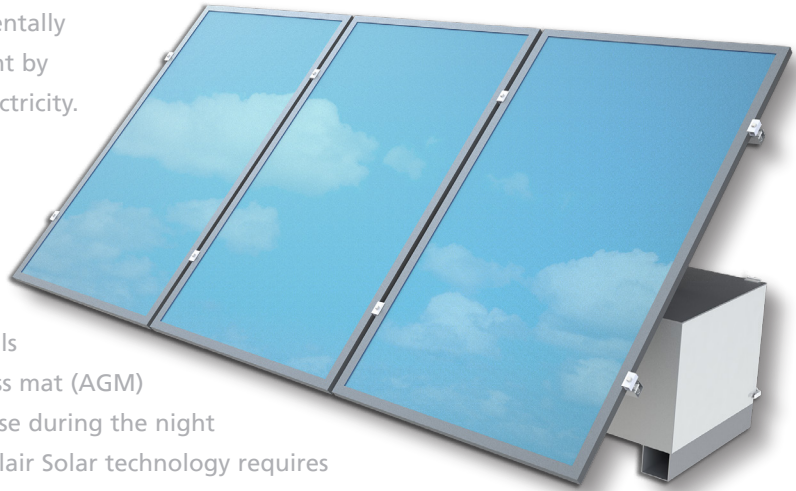
norweco[®]

*Engineering the future of water
and wastewater treatment*

SINGULAIR® SOLAR WASTEWATER TREATMENT SYSTEM

REDUCES ELECTRICITY COSTS USING CLEAN, RENEWABLE ENERGY

The Singulair Solar system delivers an environmentally friendly solution for onsite wastewater treatment by utilizing renewable solar energy to generate electricity. Solar power is a 100% clean, renewable energy source that offers year round efficiency and reduces your carbon footprint. The abundant power derived from the sun provides an unlimited and sustainable source of energy. Surplus electricity is generated by the solar panels and stored within the deep cycle, absorbent glass mat (AGM) battery array to provide continuous power for use during the night or while weather conditions are overcast. Singulair Solar technology requires no moving parts, providing quiet, efficient operation with minimal maintenance.



THE SINGULAIR® SOLAR WASTEWATER TREATMENT SYSTEM FEATURES A 990 WATT SOLAR PANEL CONFIGURATION THAT PRODUCES HIGH POWER YIELD AND IS CONSTRUCTED OF DURABLE, THERMALLY PRE-STRESSED GLASS WITH ANTI-REFLECTION TECHNOLOGY. MANUFACTURED USING ANODIZED ALUMINUM ALLOY, THE FRAME IS CERTIFIED FOR HEAVY SNOW AND HIGH WIND LOADS TO INSURE PROPER OPERATION DURING EXTREME WEATHER CONDITIONS. THE ENCLOSURE AND RACKING SYSTEM OF THE BATTERY ARRAY IS CONSTRUCTED OF SOLID ALUMINUM FOR CORROSION RESISTANCE. DESIGNED TO OPERATE AT 200 AMP HOURS (AH) CAPACITY, THE BATTERY CELLS UTILIZE ABSORBENT GLASS MAT (AGM) TECHNOLOGY FOR FASTER CHARGING AND SUPERIOR PERFORMANCE IN LOW TEMPERATURE ENVIRONMENTS. THE CHARGE CONTROLLER FEATURES 99% PEAK EFFICIENCY WITH BUILT-IN THERMAL PROTECTION AND NO MECHANICAL RELAYS FOR SWITCHING. HOUSED IN AN ALUMINUM CASE WITH INTERNAL FAN FOR OPTIMAL COOLING, THE POWER INVERTER DELIVERS 3600 WATT CONTINUOUS OUTPUT POWER WITH A 7200 WATT SURGE RATING. THE SINGULAIR SOLAR WASTEWATER TREATMENT SYSTEM OPERATES USING ZERO ELECTRICITY BY UTILIZING CLEAN, RENEWABLE SOLAR ENERGY TO HELP PROVIDE TODAY'S ANSWER FOR THE PROTECTION OF TOMORROW'S ENVIRONMENT.

- Zero electricity costs
- Clean, sustainable, pollution free energy source
- Minimal maintenance, no moving parts
- Parallel battery array configuration
- No mechanical relays for switching
- Absorbent glass mat (AGM) battery technology for faster charging and low self-discharge rates
- 32mm thermally pre-stressed panels for strength and durability
- Anti-reflection technology increases light transmission
- Solid aluminum, corrosion resistant enclosure and racking system

The Singulair Bio-Kinetic System components have been listed, licensed and/or certified by each of the following agencies/organizations.



norweco®

Engineering the future of water
and wastewater treatment

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Progress Through Service Since 1906

We engineer, manufacture, install and maintain advanced water and wastewater treatment technologies for residential properties, communities and commercial properties that are not connected to sewer lines. Norweco treatment systems are in service all over the world.

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