

SUPERNOVA



Renewable Energy
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ADVANCED GREEN TECHNOLOGIES

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Performance

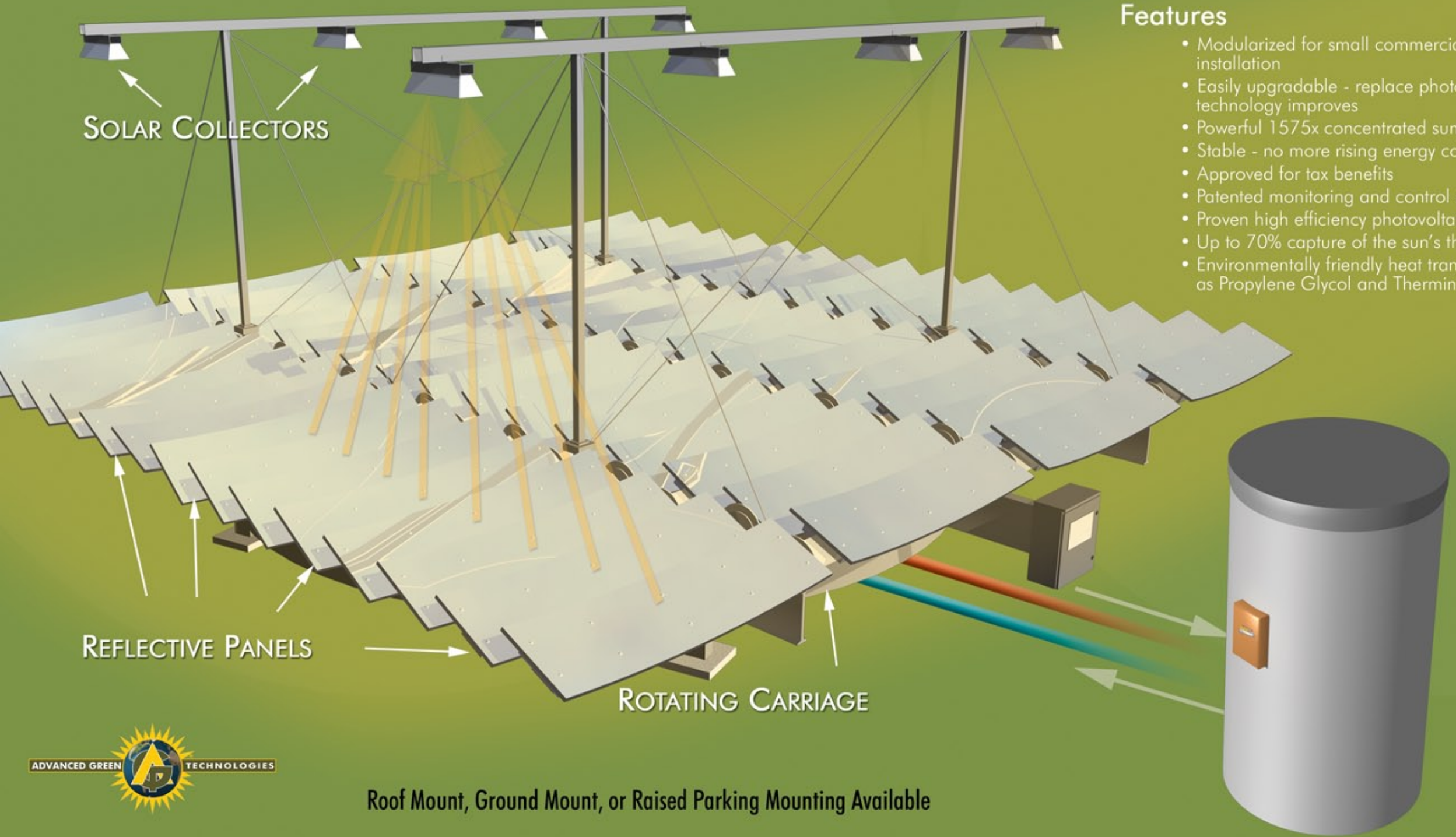
- Combined Thermal and PV System
 - 28kW Electric
 - 42kW Thermal (143,309 BTU)
 - Max temperature 90°C using water-glycol transfer fluid
- Thermal System
 - 84kW Thermal (286,620 BTU)
 - Max temperature 340°C using Therminol 66 transfer fluid
- PV System
 - 26kW Electric
 - Uses 960 small, high performance, PV cells

Applications

- Heat domestic, commercial & industrial hot water
- Run air conditioning units using desiccant or absorption chillers
- Dry using industrial ovens
- Polymerize using heater-mixers
- Preheat air, fuel, or water for industrial processes using heat exchangers or boilers
- Generate low temperature, low pressure steam to run turbines for electricity generation
- Preheat for steam gasification of biomass and solid wastes

Features

- Modularized for small commercial to utility scale installation
- Easily upgradable - replace photovoltaic cells as technology improves
- Powerful 1575x concentrated sunlight
- Stable - no more rising energy cost
- Approved for tax benefits
- Patented monitoring and control system
- Proven high efficiency photovoltaic technology
- Up to 70% capture of the sun's thermal energy
- Environmentally friendly heat transfer fluids such as Propylene Glycol and Therminol 66



Heat is transferred to storage tanks with 250 to 1000 gallon capacity or greater. The stored energy allows for continued heat use by applications at night or during cloudy days.



Roof Mount, Ground Mount, or Raised Parking Mounting Available

