

ELECTRICITY AND HOT WATER

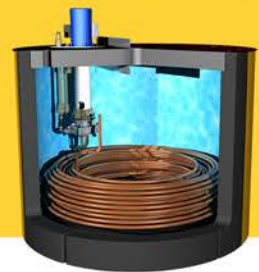
# POWERPANEL™



## Turnkey Arrays

Panels • Racking • Thermal Storage

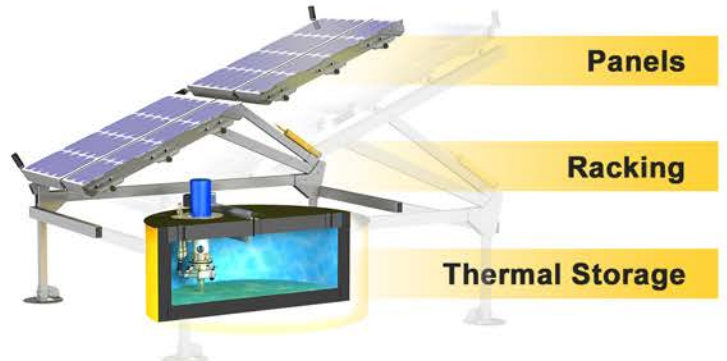
MADE IN THE USA



## Turnkey Arrays

Why settle for just electricity when you can replace water heating, space heating and pool/spa heating bills too? Two groundbreaking technologies are better than one. You can save twice as much when compared to traditional solar panels with one of Power Panel™'s patented solar-thermal turnkey systems.

Scalable to any size.



Smart Electric Power Alliance



### Turnkey Arrays

Our patented technology produces both electricity and hot water simultaneously. Heat holds back other solar panels, decreasing their efficiency, but our devices perform in hot or cold conditions, ensuring you are well prepared for whatever extremes the climate may bring. We provide everything you need to start saving money and resources fast, from hardware to software.



## THE POWER PANEL™



The Power Panel™ combines standard photovoltaic technology with polymer plastics and silicone encapsulants to create active cell cooling and an innovative thermal transfer system in an integrated hybrid enclosure, producing both solar hot water and highly efficient, low-cost electricity in a single product.

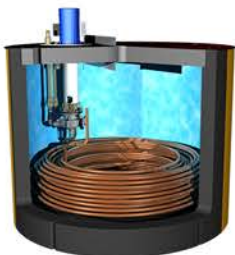
The Power Panel™ module (PVT1) only, is Certified to SRCC and FSEC PV and Thermal standards.

## POWER RACKING



It's easy to get distracted by the power of solar technology and forget one of the most critical elements of your assembly: the racking system. Like the foundation of a house, the racking system holds and aligns your solar panels towards the sun. It must be tough enough to withstand the elements year after year, lightweight enough to put on the roof of your home, and easy to orient towards the sun.

## THERMAL EDGE STORAGE



Power Panel™'s patented thermal storage tanks enhance solar technology by offering a second way to save resources and money: hot water. Our unique solar thermal hybrid technology uses a cooling system to keep The Power Panel modules operating at peak efficiency. The cooling water is pumped into our incredibly insulated thermal tanks and stored. Hot water is then supplied to a home or place of business, saving money and resources simultaneously.