

36 PVT1 Panel System

Complete Hybrid PVT System

Fixed Rack Modular System

12x3 Panel Array - PPRM0324.01

Power Panel is the next generation in solar panel system modules. This innovative Combined Heat and Power system combines photovoltaic (PV) and solar thermal energy collection and storage into a single footprint. Designed for use in on-grid and off-grid multi-family residential and commercial applications,

Power Panel's modular and scalable system configurations deliver both electrical and thermal energies for 80% peak sun capture, well beyond any other comparable system on the market.

PVT1 Power Panel

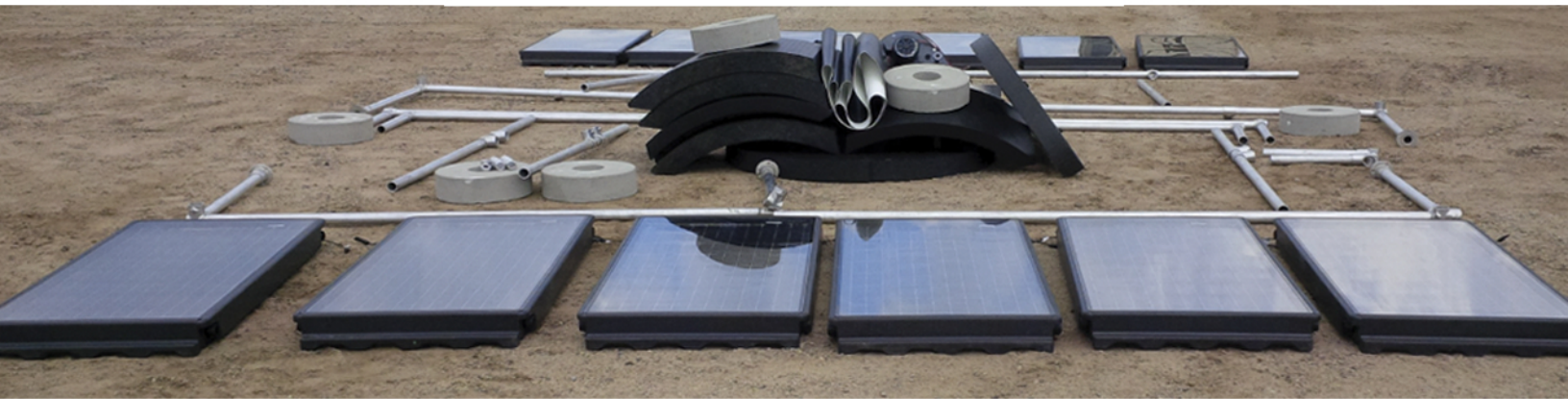
The PVT1 Power Panel combines standard photovoltaic technology with polymer plastics and silicone encapsulants to create active cell cooling and an innovative thermal transfer system in an integrated hybrid enclosure, producing both solar hot water and highly efficient, low-cost electricity in a single product. Certified to UL, SRCC and FSEC PV and Thermal standards. Made in USA.

Thermal Edge Storage Tank

The Thermal Edge Storage Tank provides storage for fluid up to 200 degrees Fahrenheit. The patented modular design allows for easy assembly and installation in existing structures as well as above or below grade exterior locations.

The R-16 durable Expanded Polypropylene material construction creates enhanced thermal insulation stiffness and impact resistance resulting in higher efficiency thermal performance than standard tanks. The high temperature liner is replaceable and customizable.





Electrical Features

1.4 kW Peak PV Generation
Optional Battery Storage AGM
Fixed, Manual or Automated Positioning
25 Year PV Performance Warranty

Thermal Features

6.6 kW Peak Thermal Generation
150 Gallon Storage Capacity
Passive or Active Heat Exchange System

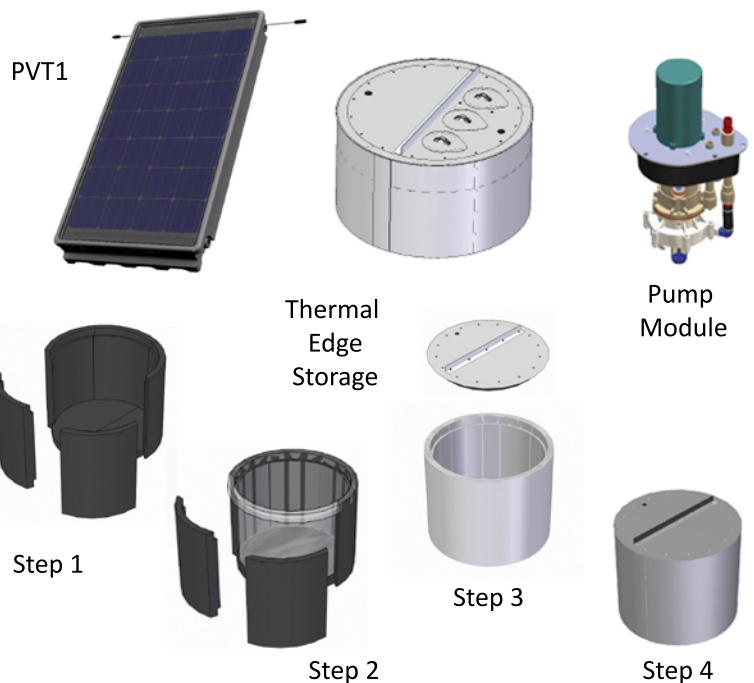
Thermal Edge Storage with Integrated Pump Module

The Power Panel Thermal Edge storage tank provides industry leading thermal storage capacity of 80kWh peak thermal. Designed for use in non-pressurized thermal energy systems.

The Integrated Pump Module is a centrifugal style pump powered by a washdown rated motor specifically designed for use in the Thermal Edge Storage Tank. The module is equipped with temperature and level sensors.

Racking

Power Panel's racking is designed specifically to accommodate the PVT1 system. The angular setting of the modules can be fixed, seasonally adjusted or fully automated.



Four Step Assembly



Related Products

