



**new!**

## **Solar Pump Station**



### ***SPS-2-DC***

#### ***Closed Loop, Dual Pump, DC powered Residential Prepackaged Solar Thermal System***

- Suitable for most residential applications
- Small size 8.5" x 14" x 5"
- Simplifies installation
- Wall or tank mounted
- Designed for integration with conventional hot water tanks
- 1/2" piping throughout for use with up to 48 ft<sup>2</sup> of absorber area.
- Low power usage - 30 watts maximum
- High efficiency brazed plate heat exchanger
- Made in the USA





## Solar Pump Station

### SPS-2-DC

#### Specifications:

System Power	12 VDC (20-30W PV panel recommended) PV Panel optional
Solar loop pressure	20-35 psig
Circulators, solar and potable loop:	Bronze, high efficiency DC
Heat Exchanger:	SS brazed plate, single walled
Fittings	Copper and brass, 1/2"
Temperature /Pressure indication	Combination P/T gauge, Digital storage / collector indication
Pressure Relief Valve	Factory set to 40 psi
Differential Temperature Controller	Integrated Programmable controller
Solar loop fluid	Non-toxic Propylene Glycol with water and food grade inhibitors only.

#### PV Panel Sizing:

PV panel requirement will vary depending upon collector area, available sunlight, length and diameter of lines between PV panel and SPS unit, collector angle, and other factors. Please contact your local installer for PV panel sizing assistance.

Available from:



#### Availability:

- Product in development.
- Anticipated commercial availability 9/05

A QUALIFIED PROFESSIONAL SHOULD REVIEW FINAL SYSTEM DESIGN FOR COMPONENT SIZING AND ARRANGEMENT. PURIST ENERGY, LLC. SHALL NOT BE LIABLE FOR SYSTEM NON-PERFORMANCE OR DAMAGE.



30 Batson Creek Rd.  
Kennebunkport, ME  
04046  
207-286-2340  
msm@puristenergy.com