

For solar system loops, the SID can be powered directly from a PV panel. The sun comes up, heat builds in the solar hot water panel and at the same time electricity is made in the PV panel. The pump slowly starts with the smallest amount of current and pushes the heated water to the storage tank. It's all too simple and eliminates all controllers, thermostats and sensors. The EI SID pumps have no seals which can leak, and no bearings to get hot or brushes to spark - they are explosion proof.

available in 5W, 10W and 20W versions.

### **Product Applications:**

- Solar Domestic Water Heating Systems - closed loop
- Floor Heating Systems

### **Product Function:**

This pump is used to circulate the water throughout the solar collector or other hot water heat emitting system. The pumps are circulating, and are best for circulating water in a closed-loop system, such as heating or solar. As for anything else, their use is as unlimited as your imagination. Keep in mind they'll pump water, as well as antifreeze and various other chemicals. You can power them with a small deep-cycle 12-volt battery. Keep a trickle charger on the battery so that if the power goes out your pump will keep on running