

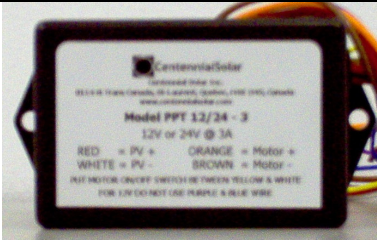


## Solar Module for Operating Circulation Pump

The CS20P Centennial Solar Modules are designed for operating Circulation Pump in a solar water heating system. The solar panel can be attached to the side of the solar collector and connected directly to the circulation pump. The CSPPT controller when used between solar module and the circulation pump improves performance of the pump by maximizing utilization of power generated from solar modules.

### Features:

- Provides natural match for operating circulation pump in a solar water heating system
- Eliminates dependence on electricity for operating circulation pump in a solar water heating system
- Reliable and durable means of clean energy supply

 <p>Solar module front view</p>	 <p>Solar module back view</p>		
		<p><b>CS20P SOLAR PANEL</b></p> <p>Performance at STC 1000W/M<sup>2</sup>, 25°C, AM1.5</p> <p>Peak power: 20Wp</p> <p>Peak Voltage: 17.4 V</p> <p>Peak Current: 1.15A</p> <p>Open Ckt Voltage: 21.5V</p> <p>Short Ckt Current: 1.38A</p> <p>Size: 1005mm x 200mm</p>	<p><b>FEATURES CSPPT</b></p> <ul style="list-style-type: none"> <li>• Voltage Limited Output - prevents motor burnout</li> <li>• Internal Fuse - 5 amp automotive style</li> <li>• Greatly increases water flow, even under reduced sunlight conditions (over 40% likely)</li> <li>• Transient Protected on the input and output</li> <li>• Single Unit Switchable 12 V or 24 V</li> <li>• Ultra High Efficiency &gt;94%</li> </ul>