

## Thermagem™ power module

### Thermagem as a novel alternative for local electricity

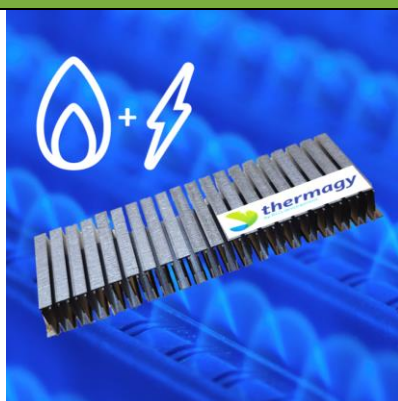
Features	Application
<ul style="list-style-type: none"> <li>To be applied as a layer between a heat source &gt;700°C; and a cooling medium &lt; 50°C;</li> <li>Contactless mounting;</li> <li>Generate power noiselessly;</li> <li>Maintenance free;</li> <li>Extremely stable and thermally robust design, proven silicon based materials.</li> </ul>	<ul style="list-style-type: none"> <li>Decentralized or local co-generation of electricity besides heat</li> <li>For use in on grid or off grid domestic heating systems, like gas boilers or woodstoves;</li> <li>A supplement of low solar panel output in winter, a way of independent power supply and emergency power;</li> </ul>



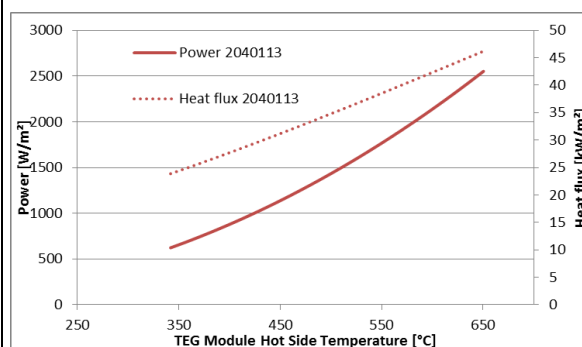
Advanced woodstoves



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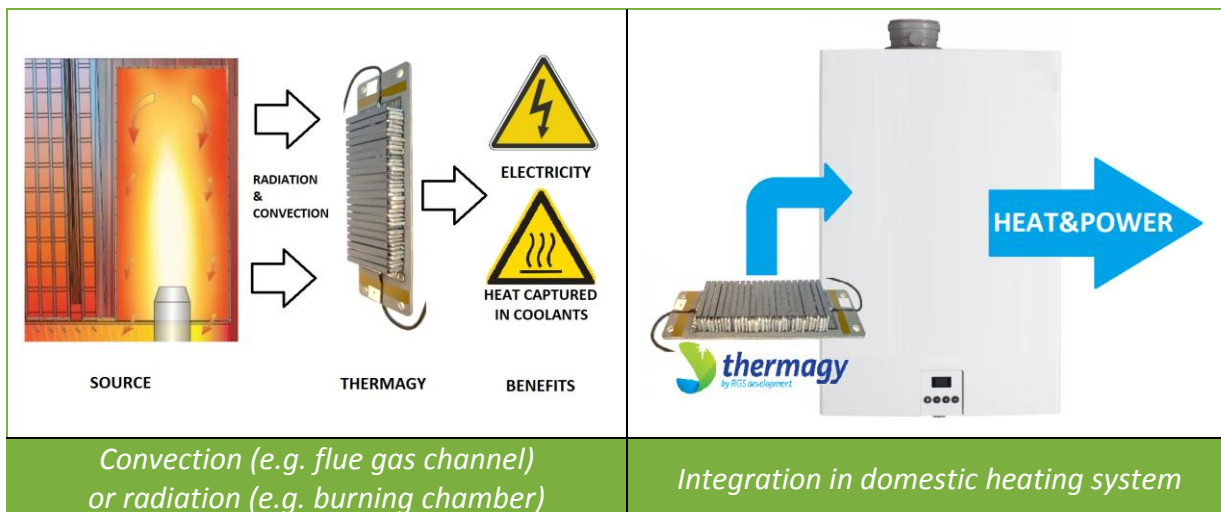


Combined Heat and Power



Electricity yield

**The first viable thermoelectric solution for high temperature heat**



**References**

	
<p><i>Development partners</i></p>	<p><i>A "solar panel for heat"</i></p>

**Services**

<i>Prototyping</i>	<i>Volume series supply</i>
<p>On request:</p> <ul style="list-style-type: none"> <li>👉 Thermagemy power modules/panels;</li> <li>👉 Engineering (assistance);</li> <li>👉 Testing (assistance);</li> <li>👉 Integration services (assistance).</li> </ul>	<ul style="list-style-type: none"> <li>👉 Volume cost range 2-3 €/W;</li> <li>👉 Integration cost range 1-2 €/W (at integrator).</li> </ul>

**Technical data**

Technical data sheet available at [www.rgsdevelopment.nl](http://www.rgsdevelopment.nl)



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