Access Energy’s Thermapower™ Medium Temperature (MT) Organic Rankine Cycle (ORC) Modules generate 125kW of clean, utility grade power from small-scale commercial and industrial waste heat sources. The self-contained system utilizes our patented Carefree™ Integrated Power Module (IPM), which consists of a high-speed turbine expander and high-efficiency generator. The IPM runs on magnetic bearings and is hermetically sealed into a single unit, eliminating the need for a gearbox or lubrication system. With over 18MW of capacity sold globally, the Thermapower™ MT Module has been proven on a wide variety of heat sources and applications.

### Parameters

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Thermapower™ MT ORC Module</th>
</tr>
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<tbody>
<tr>
<td>Power</td>
<td>125kW Gross</td>
</tr>
<tr>
<td>Voltage</td>
<td>3Ø, 380 - 480 V</td>
</tr>
<tr>
<td>Frequency</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>Input Temperature</td>
<td>250°F (121°C) - 350°F (177°C)</td>
</tr>
<tr>
<td>Organic Working Fluid</td>
<td>R245fa</td>
</tr>
<tr>
<td>Module Weight</td>
<td>6,500 lbs. (2,948 kg)</td>
</tr>
<tr>
<td>Module Dimensions</td>
<td>113 in. (287cm) x 50 in. (127cm) x 80 in. (203cm)</td>
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</tbody>
</table>
The charts above are for reference only. Depending on the heat source type, density and pressure, heat exchanger type, size and distance to the module, ambient conditions and other operational variances, the output power will vary. For better performance estimations, please visit www.access-energy.com to submit a project information sheet.