



CENTUM[®]
Energy Harvesters

Best-in-class Energy Harvesters

CENTUM[®] Energy Harvesters deliver **industry-leading output power** in a **compact form factor** and can **operate at temperatures up to 300°C**. We leverage automated, high-accuracy manufacturing processes and high-temperature materials to create battery-free energy solutions

2× | Power
Density

1.3× | Max. Operating
Temperature

Powering a sustainable future across industries

Powering IoT Sensors

Industrial



Building



Wearables



Waste Heat Recovery



Industrial

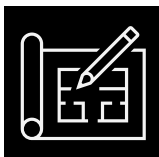


Automotive



Geothermal

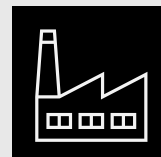
Contact us for all your Energy Harvesting needs



Custom design



Rapid prototyping



Made in USA

Standard available models

	<i>Dimensions</i> (mm)	<i>T_h</i> (°C)	<i>ΔT</i> (°C)	<i>V_{oc}</i> (Volts)	<i>V_{ML}</i> (Volts)	<i>P_{ML}</i> (Watts)	<i>R_{AC}</i> (Ω)
CENTUM EH-1029	40x40x2.3	27	10	4.3	2.2	0.14	34
			50	21.6	10.8	3.4	
			100	43.2	21.6	13.7	
CENTUM EH-646	30x30x2.3	27	10	2.7	1.4	0.09	21
			50	13.6	6.8	2.2	
			100	27.1	13.6	8.6	
CENTUM EH-336	20x20x2.3	27	10	1.4	0.7	0.03	17
			50	7.1	3.6	0.72	
			100	14.1	7.1	2.9	

Customization options

Substrate	Silicon	Metal
Finishing	Sealing/Lapping	Substrate Metalization Lead Attachment
Design	Form Factors	System Integration System Optimization