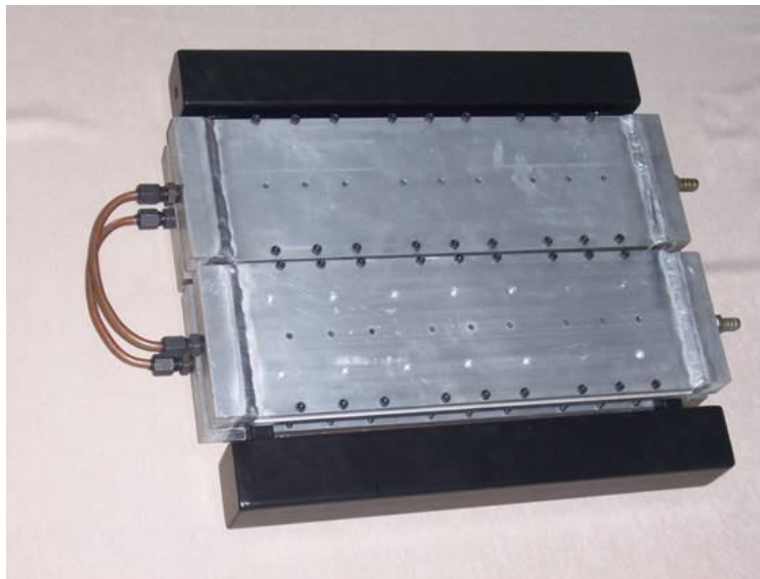


The below picture is of a 500 watts TEG thermoelectric power generator. The outside square tubes (black color portion) houses Hot Oil in and out to provide the heat, and the Aluminum central part is the water cooling system attached on both side of the hot plate where the TEG modules are sandwiched between the hot and cold plates to generate electricity.

The TEG generator size is 560mm (22") x 500mm (20") x 120mm (5"), and use 48pcs TEG1-12611-6.0 modules.

It will generate more than 500 watts if the hot source is greater than 250C (490F) Cold Side is less than 30C (86F).
DT~ 220C or greater



Part Number: TEG1-12611-6.0-500W

Output Power approx. 500W to 600W

Open Circuit Voltage: 420VDC

Matched Load Output Voltage: 200VDC

Internal Resistance: 58 Ohm

Match load Current 3.5A

Hot Oil Volume Rate: ~ 0.25m³ /h

Hot Oil Input Temperature: ~250C

Water Volume Rate: ~0.5m³ /h

Input Water Temperature: ~30C or less

Oil Pipe connector Fillet: DN15

Water inlet and outlet diameter: ½ "

Dimension :(L x H x W) 560mm (22") x 500mm (20") x 120mm (5")

Number of TEG Modules: 48 Pcs (TEG1-12611-6.0)

Net Weight: 25 kg (55 lbs)