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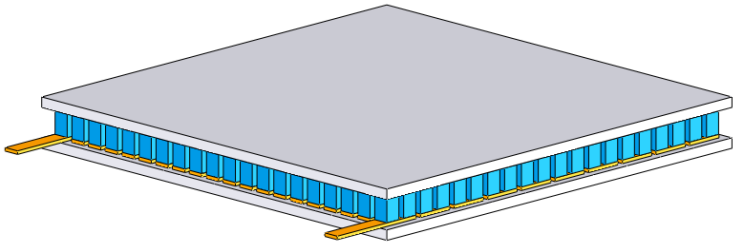
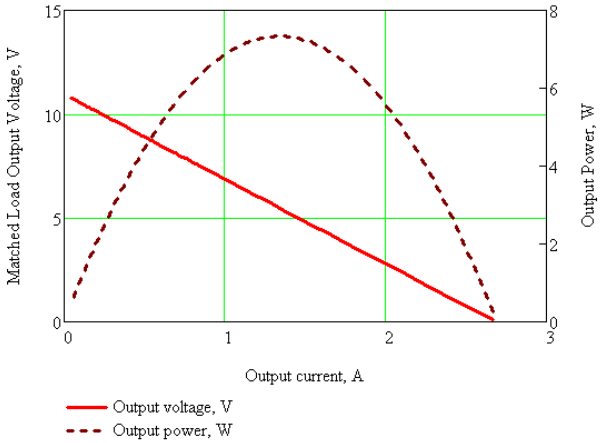
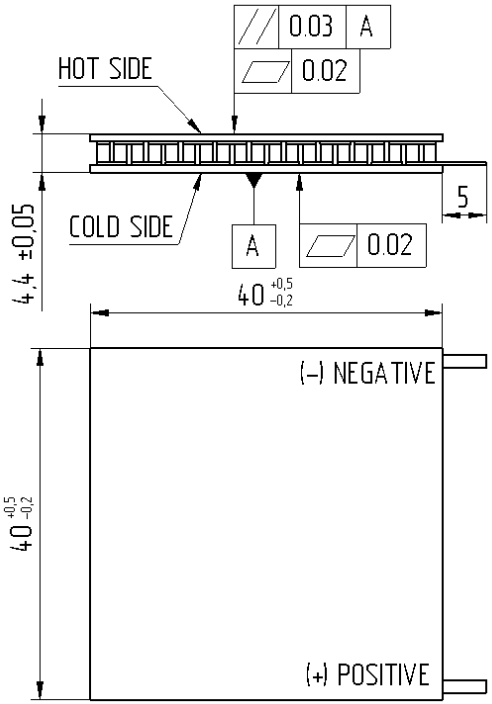
SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-2.0



Thermoelectric parameters	*Unit*	*Value*
Output power, P* (at T_h=200°C, T_c=30°C)	**W**	**7,3**
I_{load}*	**A**	**1,41**
U_{load}*	**V**	**5,2**
R_{ac} (*at 200°C*), ±10 %	**Ohm**	**3,7**
Rt	**K/W**	**1,39**

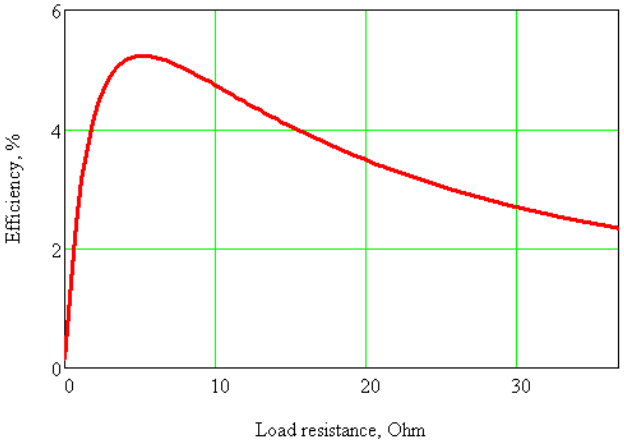
** for R_{load}=R_{ac}*
***R_{ac}**– internal TGM resistance at working temperature;*
***R_{load}** – load resistance;*
***Rt**-heat resistance.*





Operation parameters	*Unit*	*Value*
Working temperature	**°C**	**200**
Max. processing temperature	**°C**	**220**

Additional options	*Notations*
Height tolerance up to, mm	**± 0,015**
Flatness up to, mm;	**0,01**
Parallelism up to, mm;	**0,01**
Sealants: epoxy, urethane	**E, U**
Type and length of lead wires	**Up to customer's requirements**
Assembling into arrays	



Please refer to our standard assembling recommendations at our site

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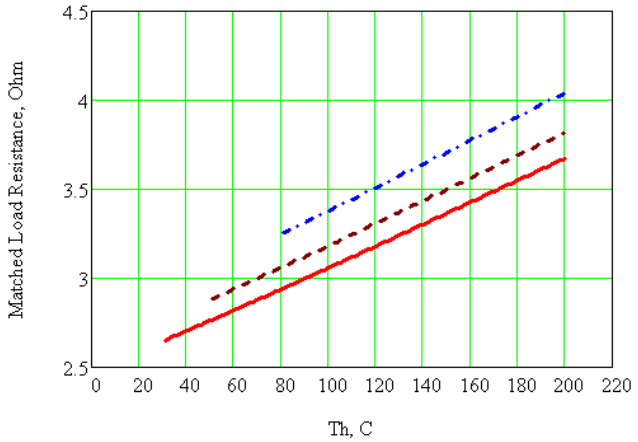

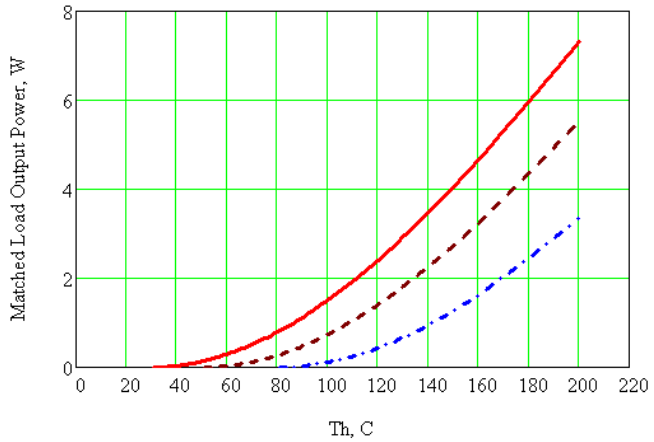

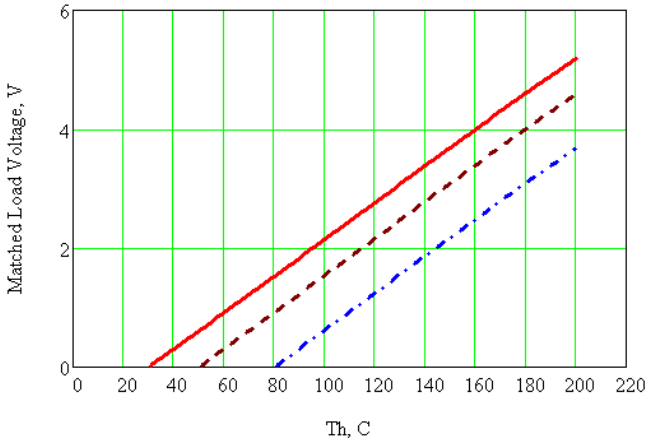

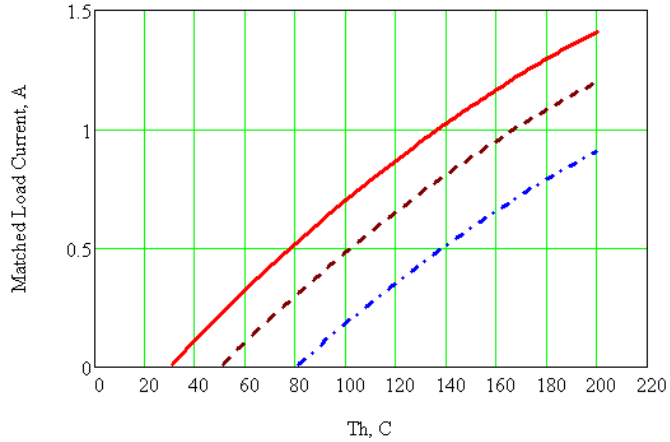

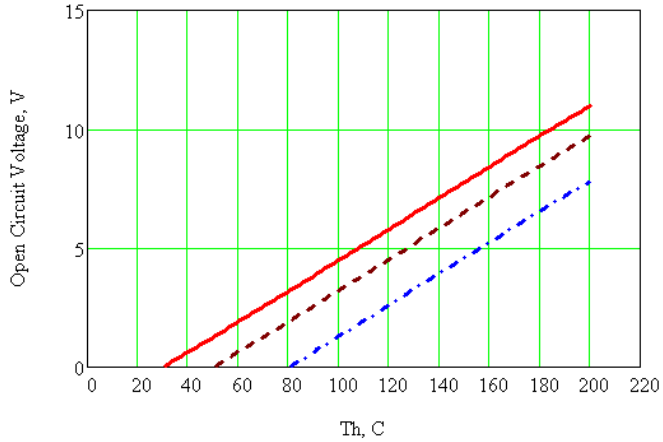

Tc=30°C
Tc=50°C
Tc=80°C

Ecogen **Customer**