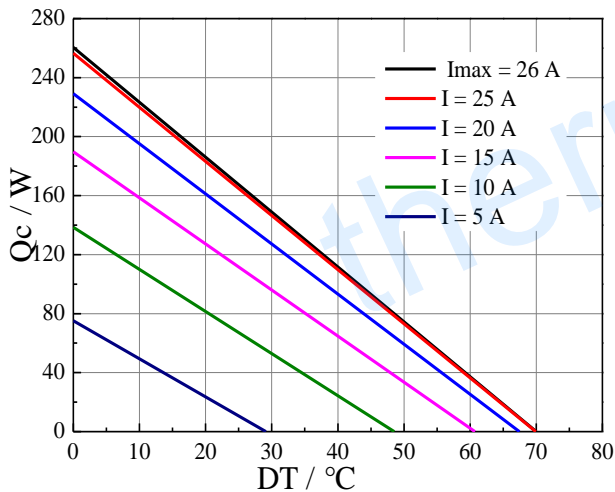


Specification of Thermoelectric Module

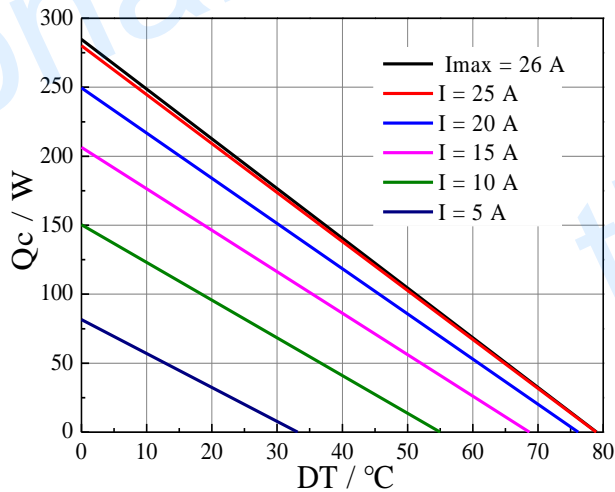
TEC1-12730

Performance Curves at $T_h=27\text{ }^\circ\text{C}$

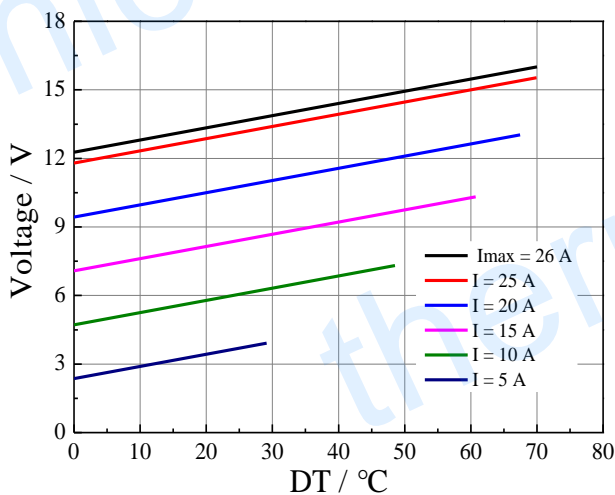


Standard Performance Graph $Q_c = f(DT)$

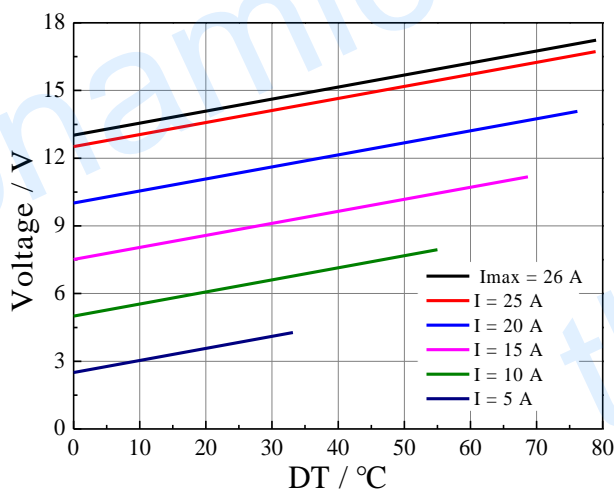
Performance Curves at $T_h=50\text{ }^\circ\text{C}$



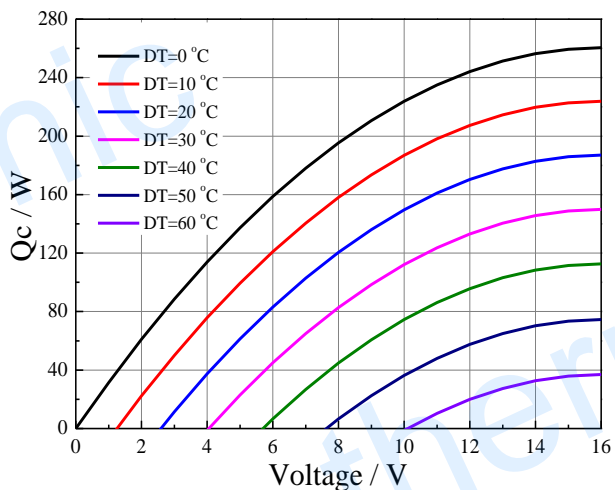
Standard Performance Graph $Q_c = f(DT)$



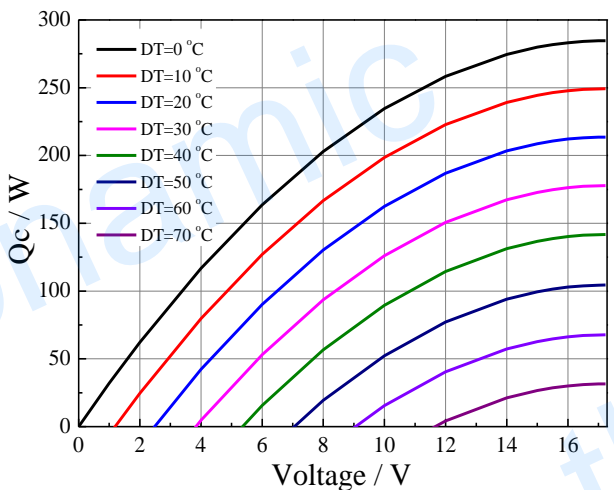
Standard Performance Graph $V = f(\Delta T)$



Standard Performance Graph $V = f(\Delta T)$



Standard Performance Graph $Q_c = f(V)$



Standard Performance Graph $Q_c = f(V)$

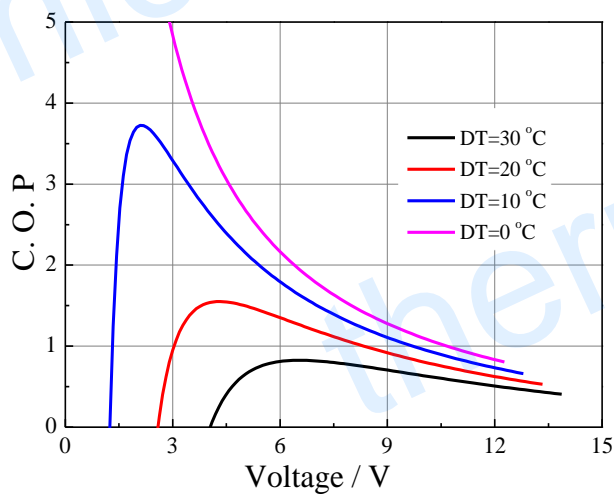
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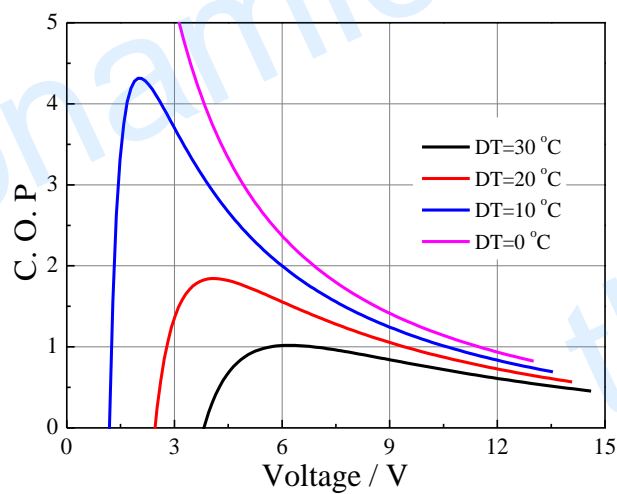
Specification of Thermoelectric Module

TEC1-12730

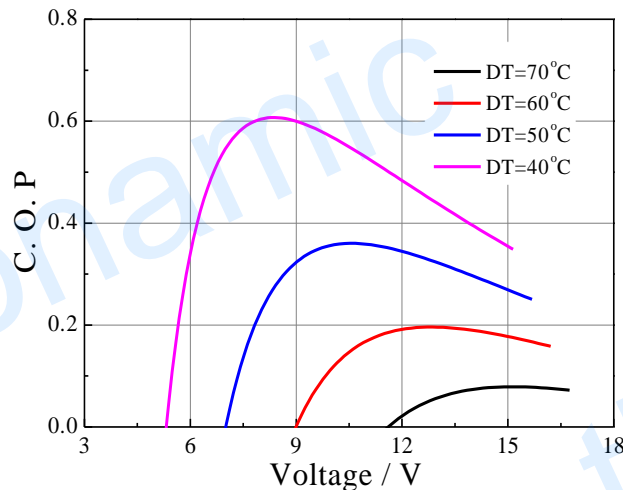
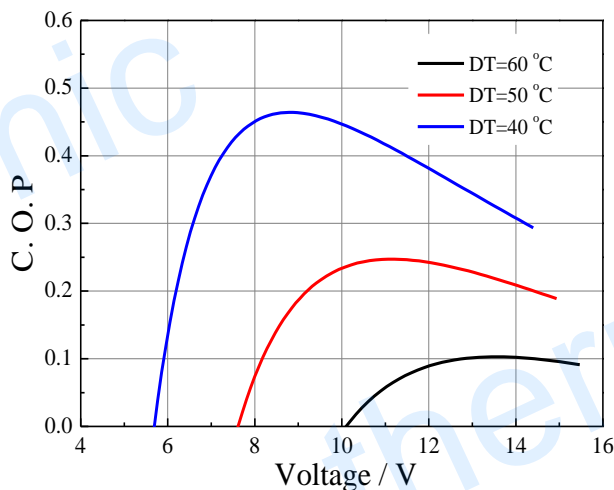
Performance Curves at Th=27 °C



Performance Curves at Th=50 °C



Standard Performance Graph COP = f(V) of ΔT ranged from 0 to 30 °C



Standard Performance Graph COP = f(V) of ΔT ranged from 40 to 60/70 °C

Remark: The coefficient of performance (COP) is the cooling power Q_c /Input power ($V \times I$).

Operation Cautions

- Cold side of the module stucked on the object being cooled
- Hot side of the module mounted on a heat radiator
- Storage module below 100 °C
- Operation below I_{max} or V_{max}
- Work under DC