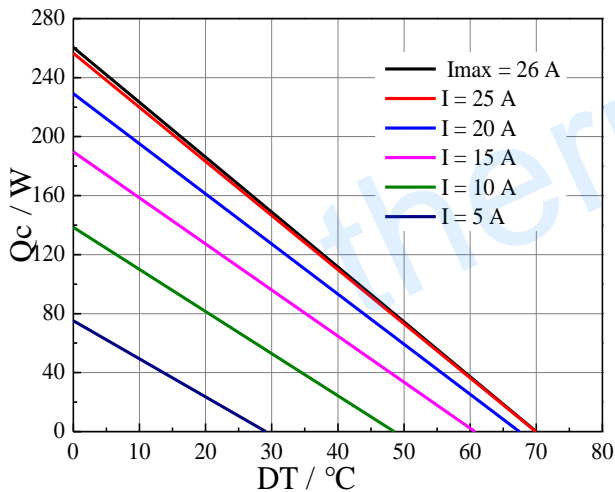


Specification of Thermoelectric Module

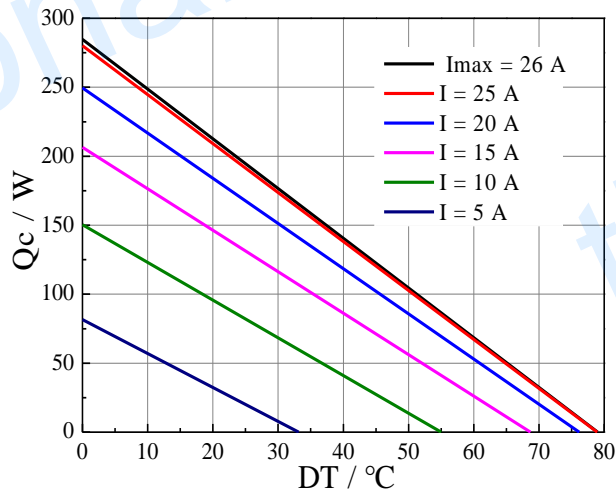
TEC1-12730

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

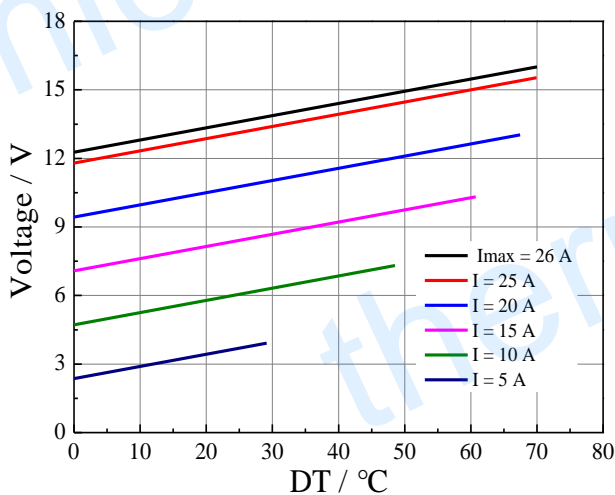


Standard Performance Graph $Q_c = f(DT)$

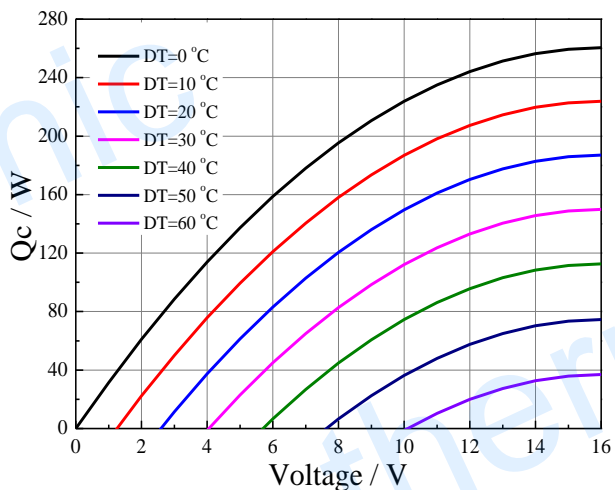
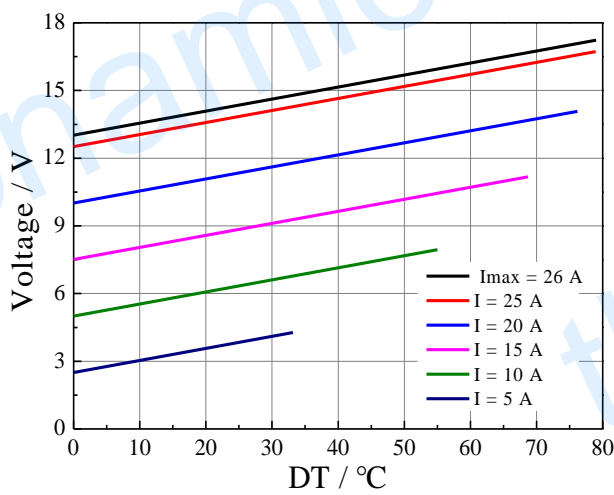
Performance Curves at $T_h=50\text{ }^\circ\text{C}$



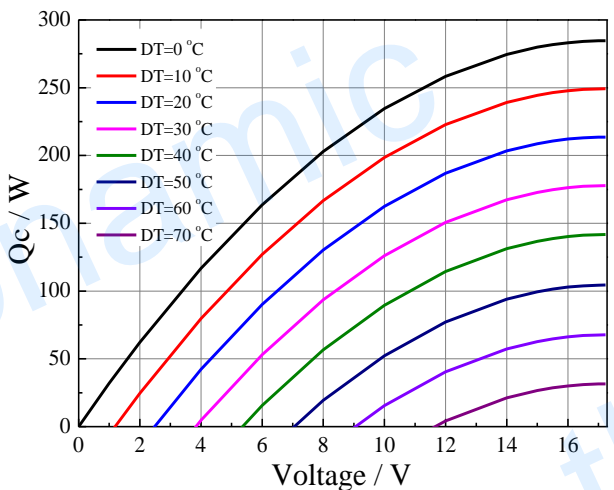
Standard Performance Graph $Q_c = f(DT)$



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



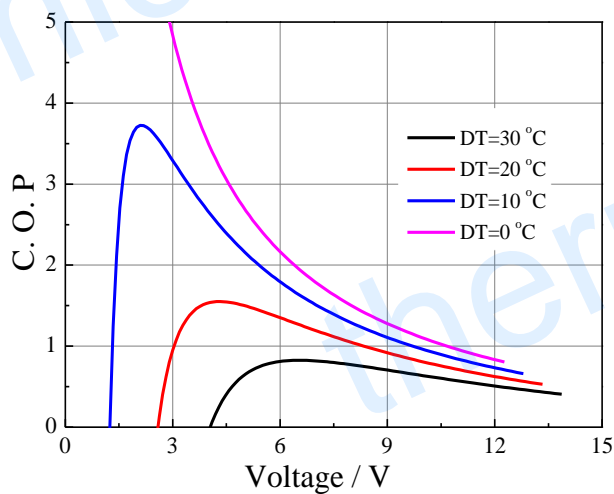
Standard Performance Graph $Q_c = f(V)$



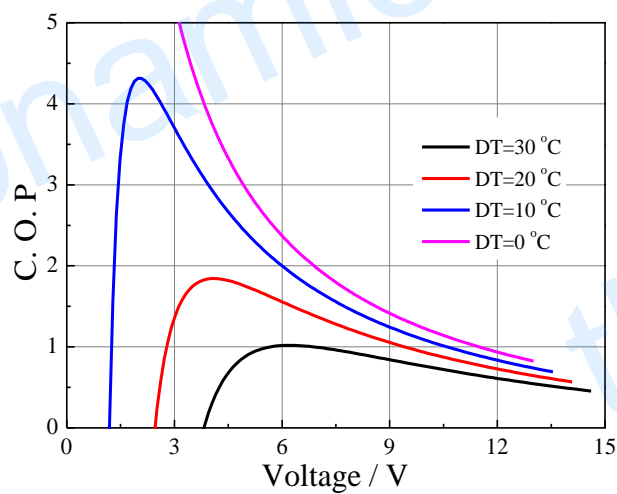
Specification of Thermoelectric Module

TEC1-12730

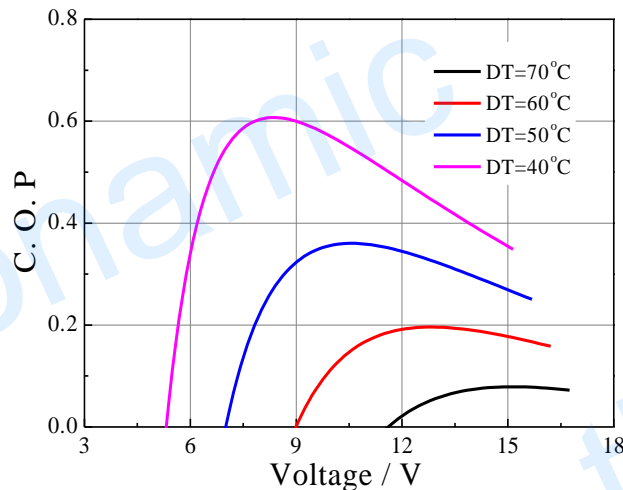
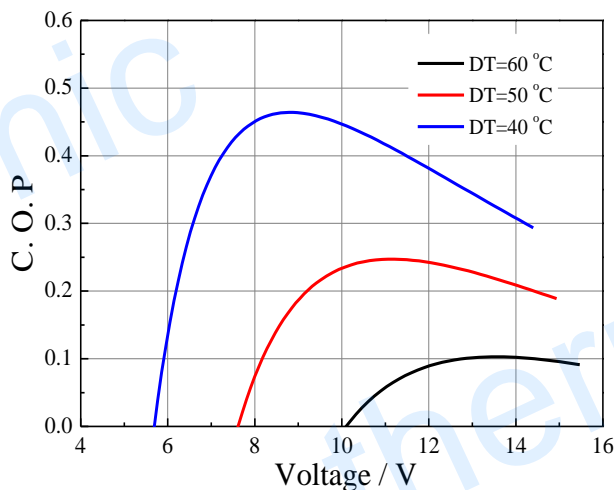
Performance Curves at $T_h=27\text{ }^\circ\text{C}$



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



Standard Performance Graph COP = f(V) of ΔT ranged from 0 to $30\text{ }^\circ\text{C}$



Standard Performance Graph COP = f(V) of ΔT ranged from 40 to $60/70\text{ }^\circ\text{C}$

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

Operation Cautions

- Cold side of the module stuck on the object being cooled
- Hot side of the module mounted on a heat radiator
- Storage module below $100\text{ }^\circ\text{C}$
- Operation below I_{max} or V_{max}
- Work under DC