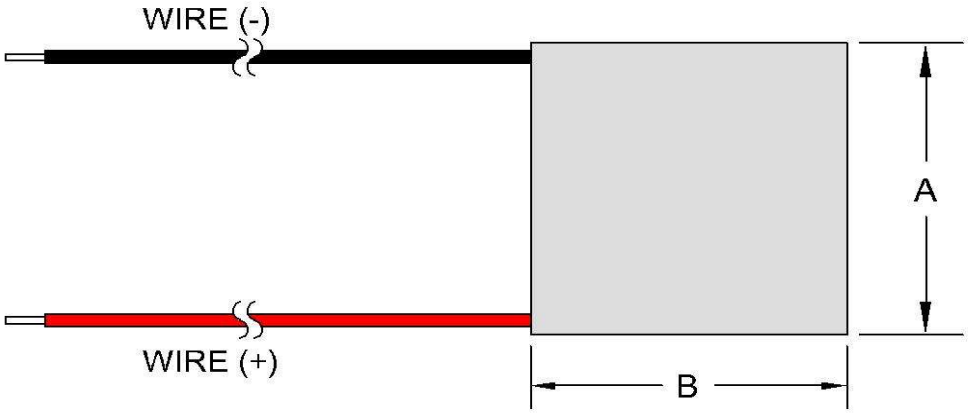
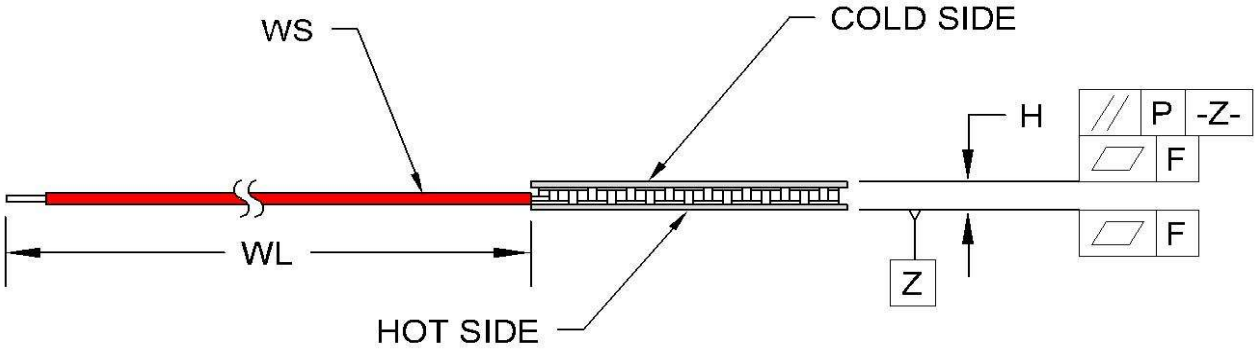
HP-127-1.0-1.3-71 Thermoelectric Module (Peltier Module) Specifications		Material Specifications (27 °C hot side temperature)	Material Specifications (50 °C hot side temperature)
	Vmax (V)	16.1	17.9
	Imax (A)	3.6	3.6
	Qmax (W)	36.0	39.5
	DTmax (°C)	71	80
	Operation/storage temperature	-40 °C to +80 °C	

Module *material* specifications are nominal values based on the hot-side temperature indicated. Thermoelectric material parameter tolerance is +/-10%.

In no case should the module temperature be allowed to exceed its maximum operation/storage temperature.

Please review all product and technical information, *Thermoelectric Module Mounting Procedure,* parameter definitions, FAQ's, and ordering information posted on our website before purchasing or using this product.





Width, A (mm)	30 +0.5/-0.2
Width, B (mm)	30 +0.5/-0.2
Height, H (mm)	3.6 ±0.05
Flatness, F (mm)	0.02
Parallelism, P (mm)	0.03
Wire Size, WS (mm²)	0.2
Wire Length, WL (mm)	120

Optional Features and Notes:

Add "P" to part number for sealing module with epoxy potting.

Performance graphs include thermal resistance of substrates.

RoHS Compliant

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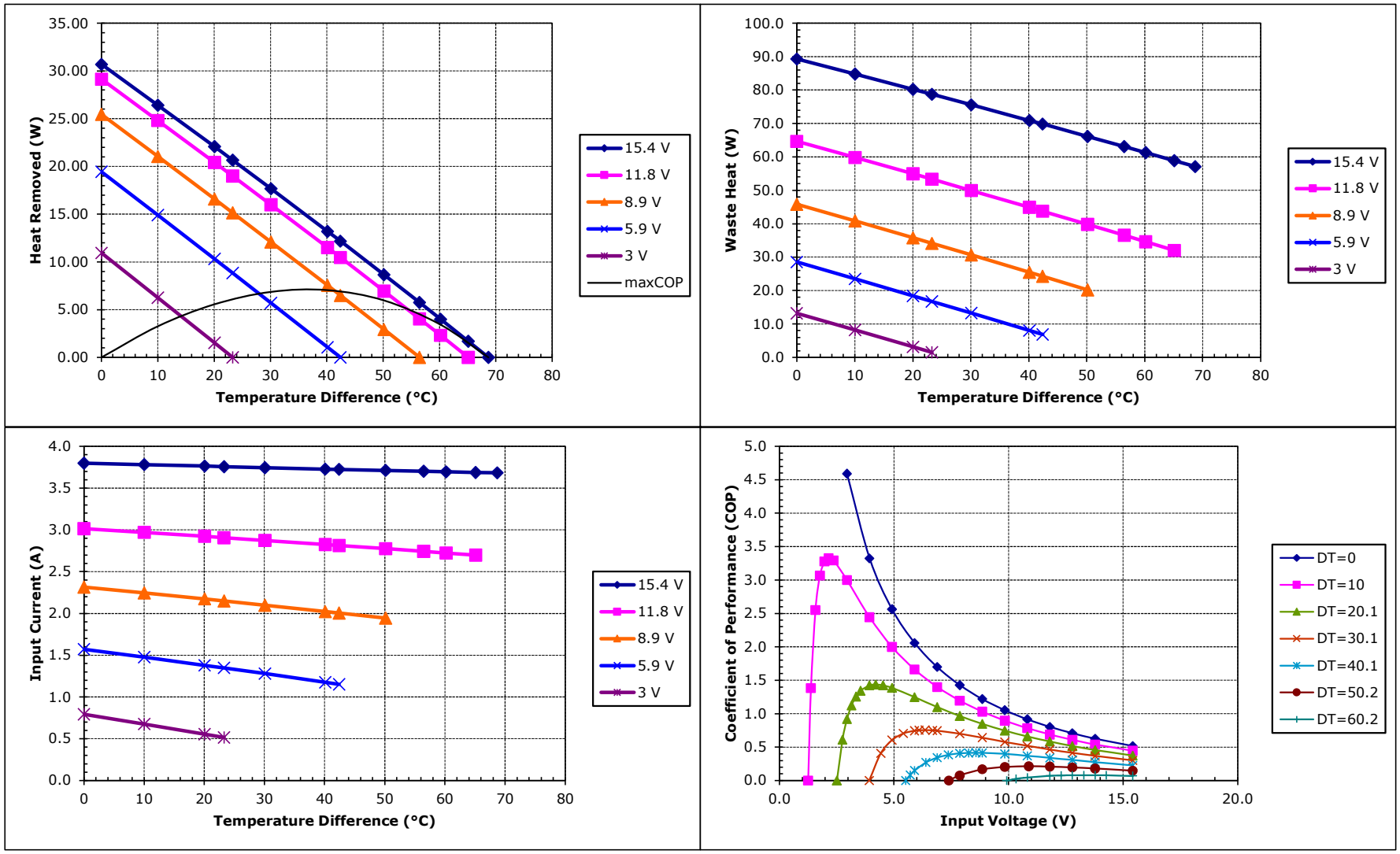

Unpotted HP-127-1.0-1.3-71 at a hot-side temperature of 30 °C

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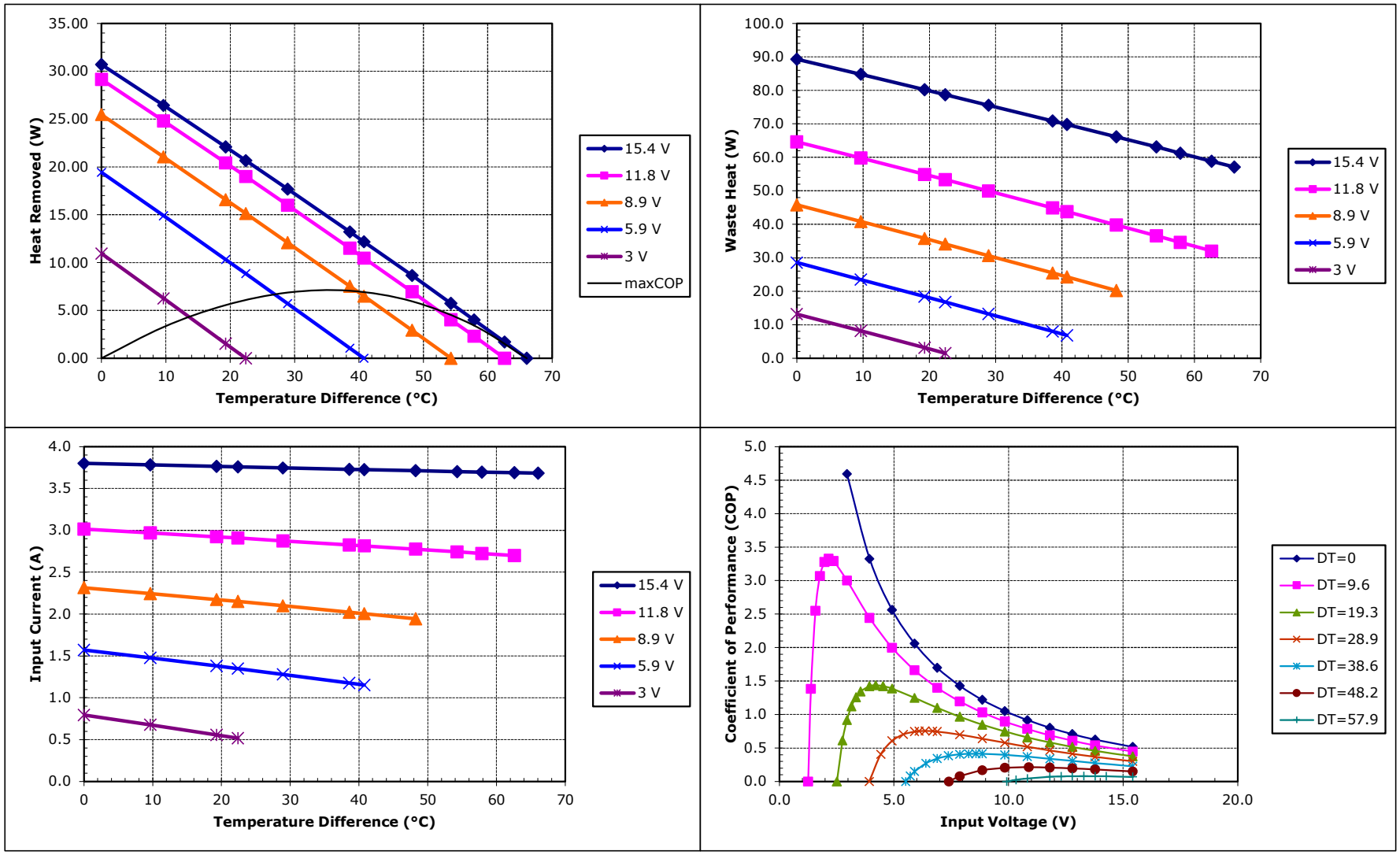

Potted HP-127-1.0-1.3-71 at a hot-side temperature of 30 °C

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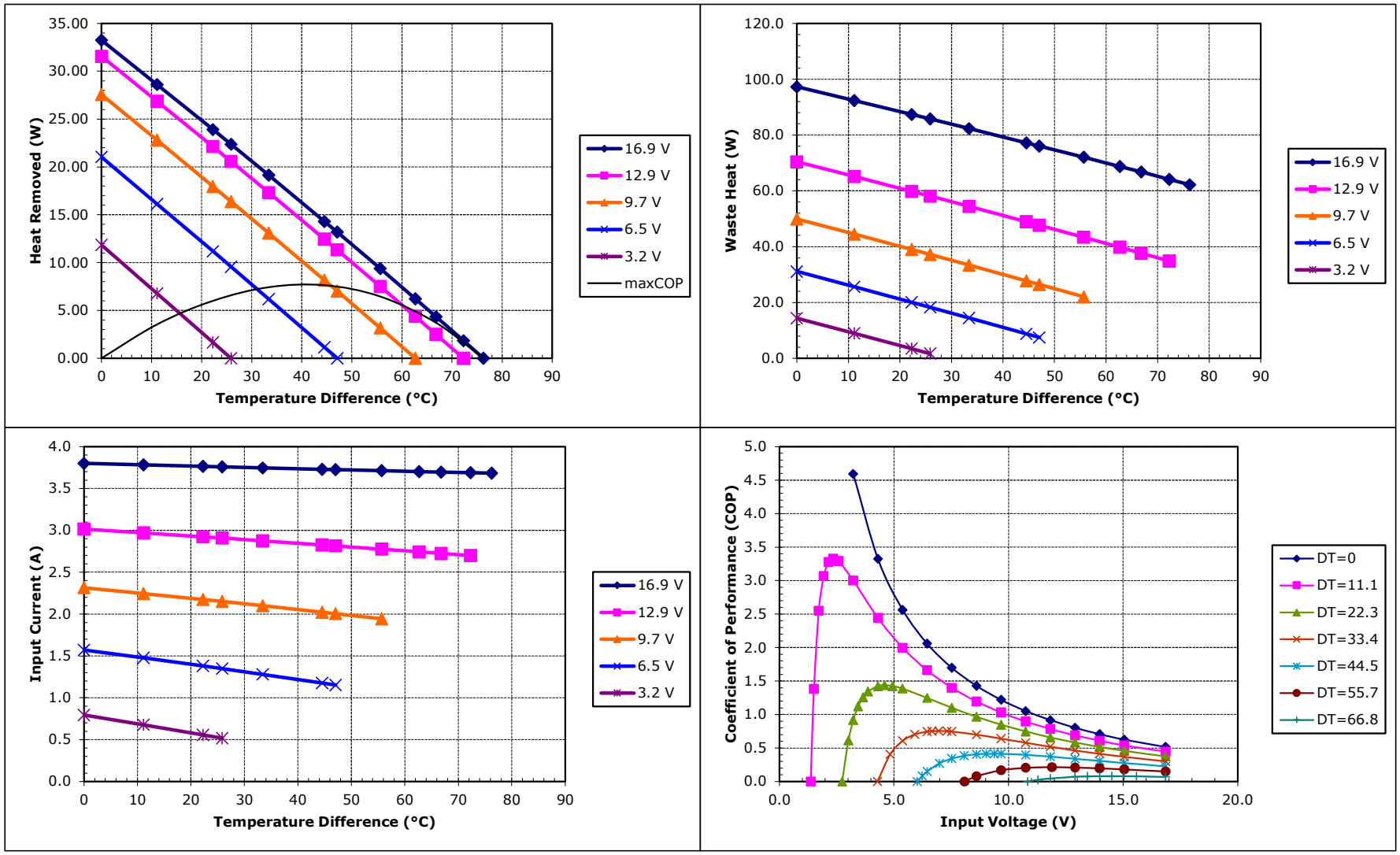

Unpotted HP-127-1.0-1.3-71 at a hot-side temperature of 50 °C

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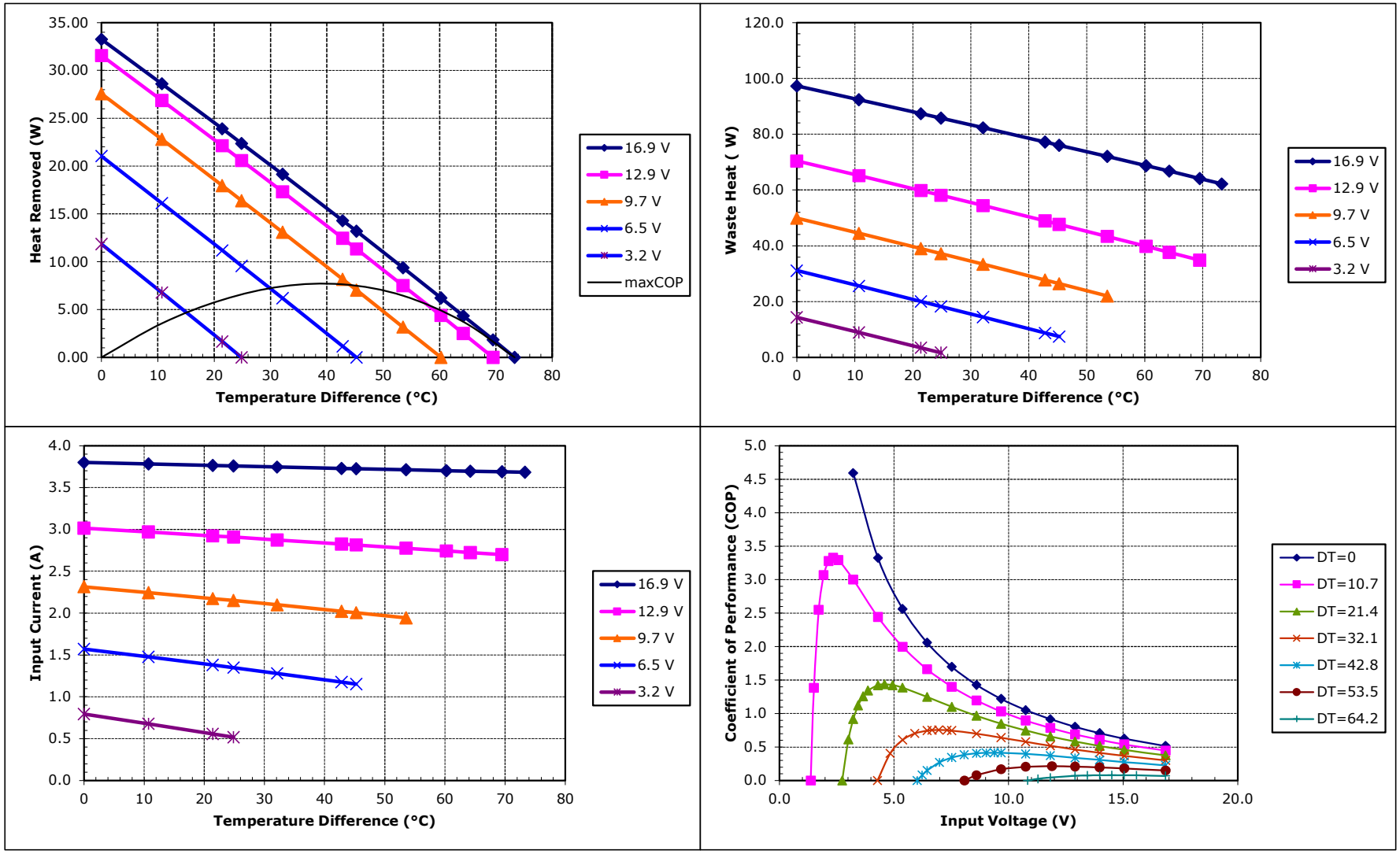

Potted HP-127-1.0-1.3-71 at a hot-side temperature of 50 °C

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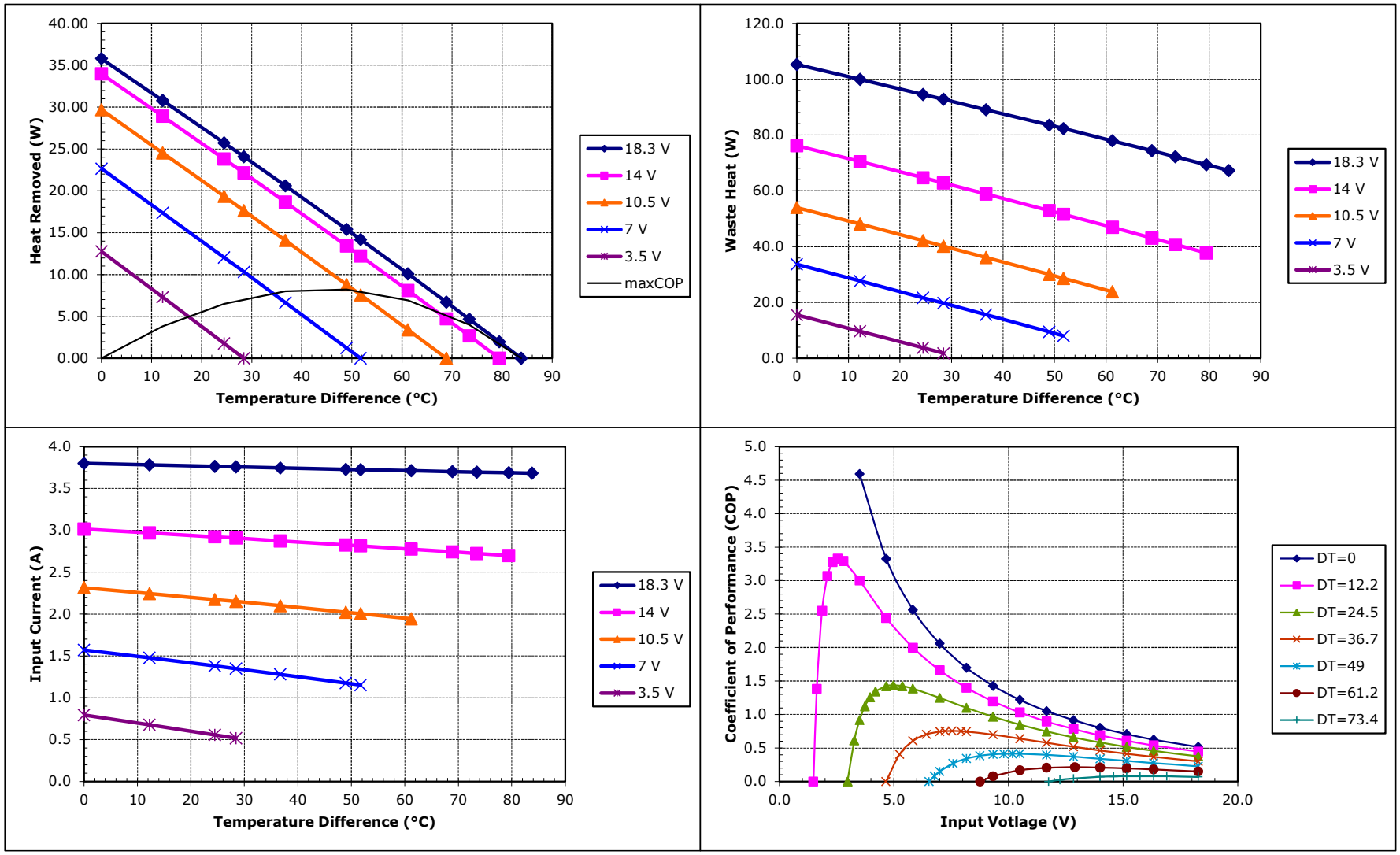

Unpotted HP-127-1.0-1.3-71 at a hot-side temperature of 70 °C

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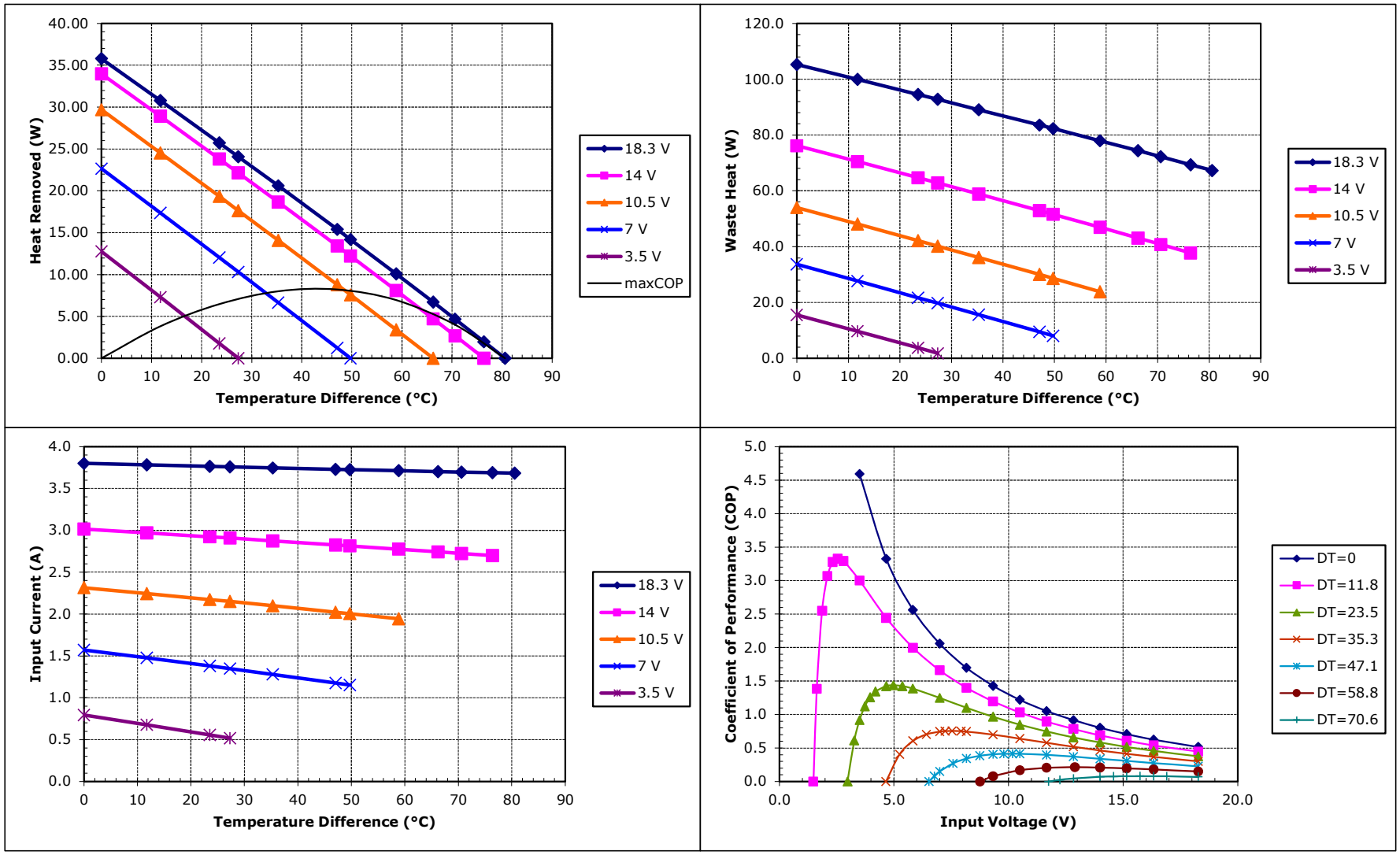

Potted HP-127-1.0-1.3-71 at a hot-side temperature of 70 °C

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