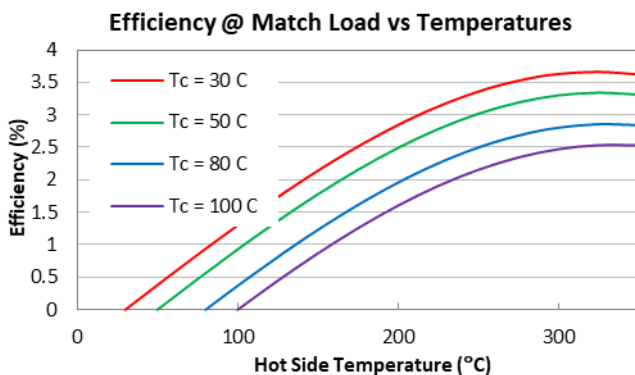
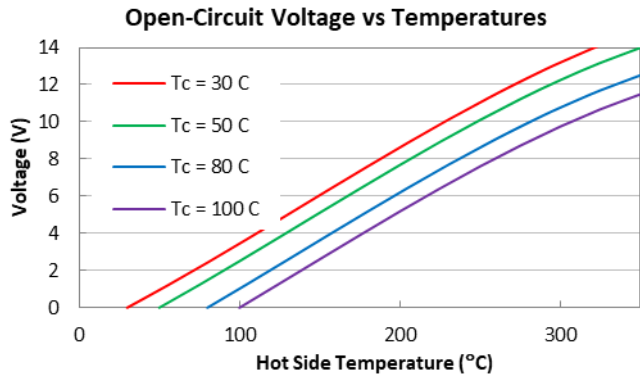
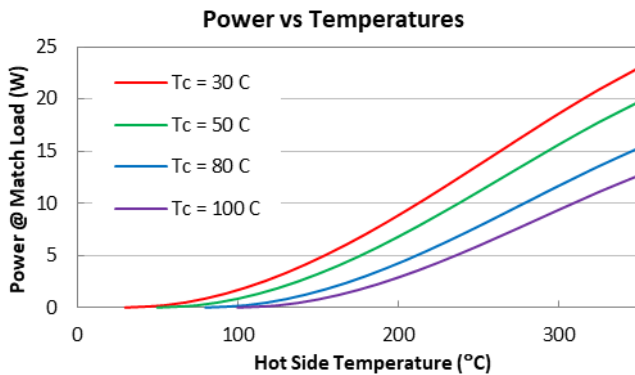
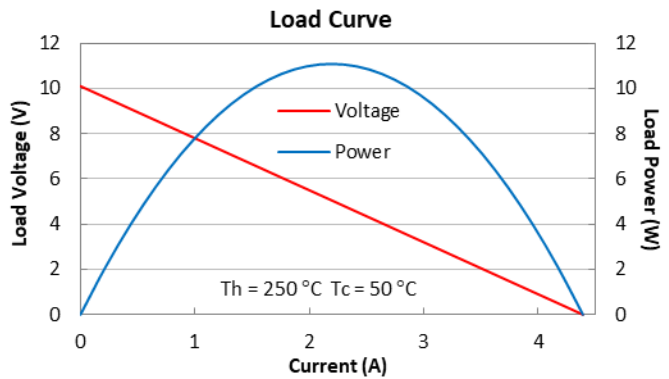
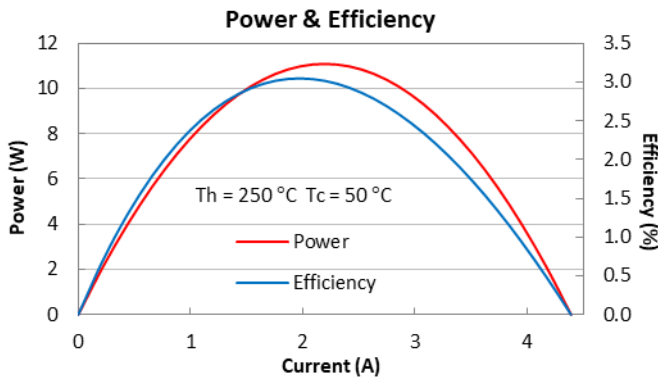


Estimated Thermal and Electrical Characteristics					
Parameter	Conditions	min	typ	max	units
Power	Th=250°C, Tc=50°C @matched load	10.0	10.5	11.0	W
Open Circuit Voltage	Th=250°C, Tc=50°C	10.0	10.5	11.0	V
Matched load Voltage	Th=250°C, Tc=50°C	5.0	5.25	5.5	V
Internal Resistance	Th=250°C, Tc=50°C	2.5	2.55	2.6	Ω
	Th = Tc = 25°C	1.4	1.5	1.6	Ω
Current	Th=250°C, Tc=50°C @matched load	1.8	2.0	2.2	A
	Th=250°C, Tc=50°C @short circuit	3.6	4.0	4.4	A
Heat Flow	Th=250°C, Tc=50°C @matched load	330	350	370	W
	Th=250°C, Tc=50°C @open circuit	265	280	295	W
Heat Flux	Th=250°C, Tc=50°C @matched load	16	17	18	W/cm ²
Mass		20	20.5	21	g



Notes

¹ Stated temperatures are assumed to be on the module surface and not the heat exchangers. To achieve the specified performance, please refer to our module installation guide.

² Our tests indicate that the module can tolerate temperatures up to 350°C without being damaged. However the module performance degrades much faster at higher temperatures. For maximum life expectancy the hot side temperature should not exceed 230°C while 250°C can be a good choice for a balanced performance between lifetime and power/efficiency.