

Device Modeling Report

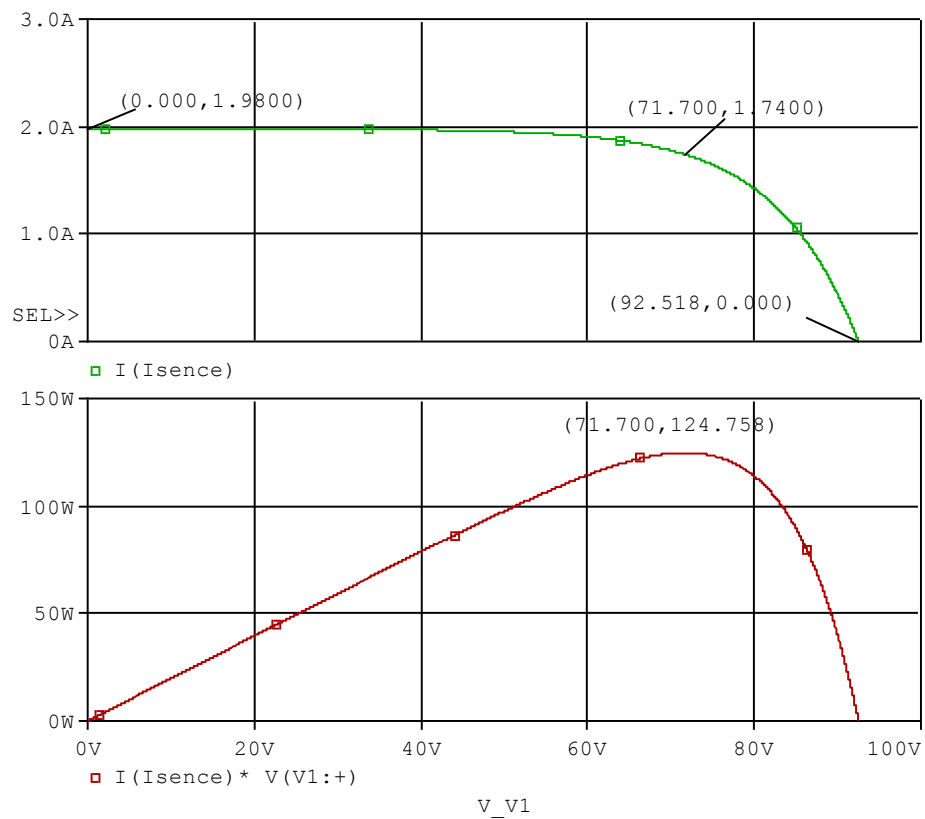
COMPONENTS: Solar Cell
PART NUMBER: HEM125PSA
MUNUFACTURER: HONDA
REMARK: $P_{max}=124.758(W)$



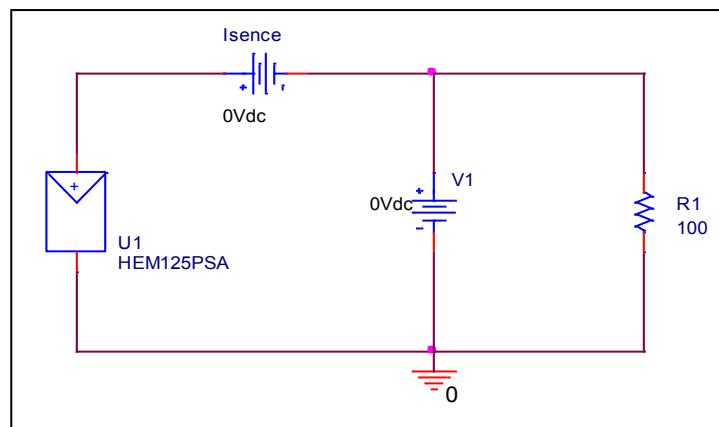
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



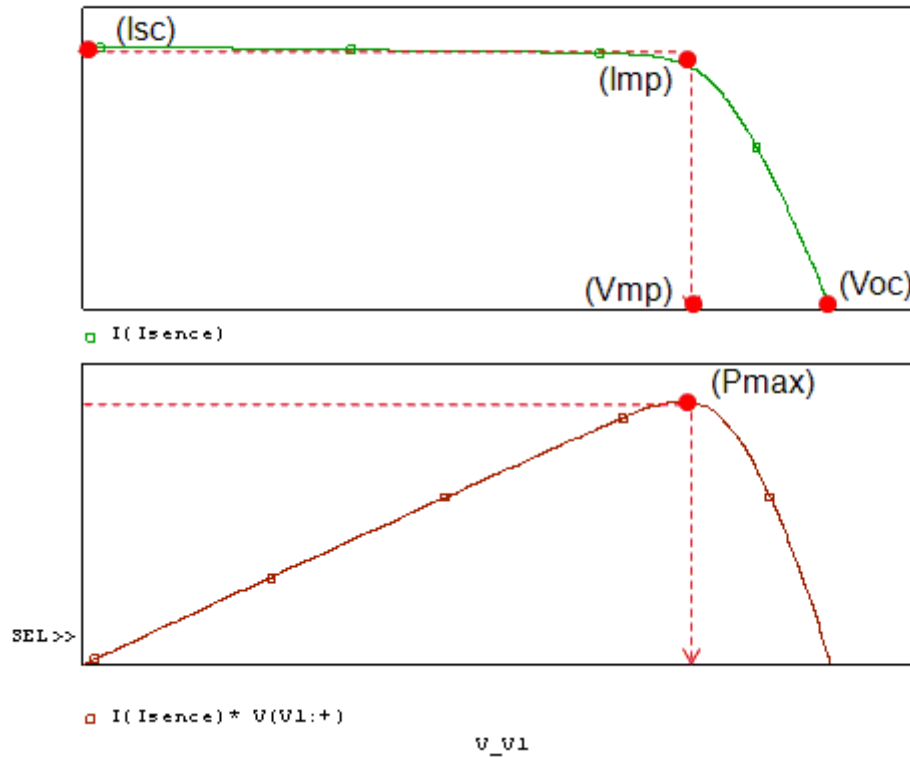
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	124.758	124.758	0.000
Vmp	71.700	71.700	0.000
Imp	1.740	1.740	0.000
Isc	1.980	1.980	0.000
Voc	93.300	92.518	-0.838

Data Information

No. HEM125PSA	
Maximum power(Pmax)	124.758(W)
Voltage at Pmax(Vmp)	71.7(V)
Current at Pmax(Imp)	1.74(A)
Short-circuit current(Isc)	1.98(A)
Open-circuit voltage(Voc)	93.3(V)