

Device Modeling Report

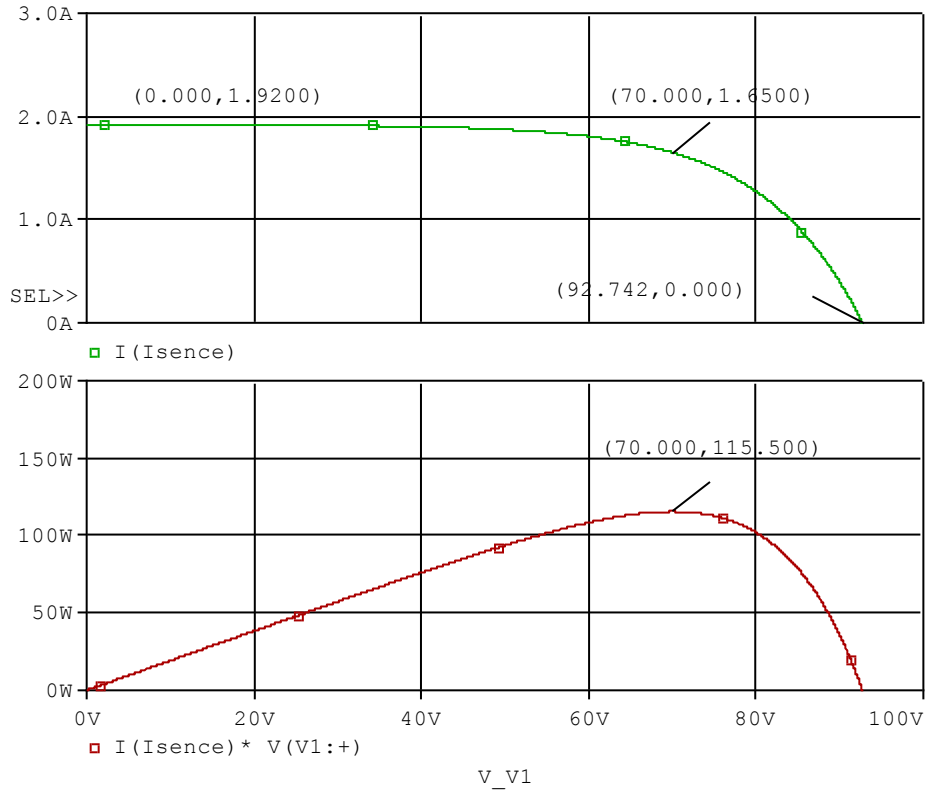
COMPONENTS: Solar Cell
PART NUMBER: HEM115PSA
MUNUFACTURER: HONDA
REMARK:Pmax=115.5(W)



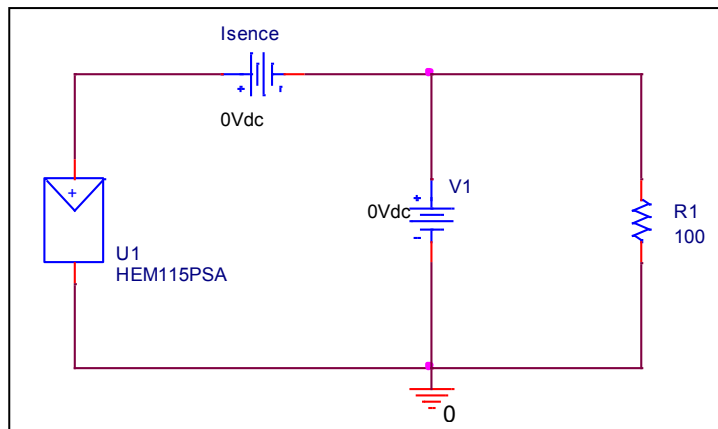
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



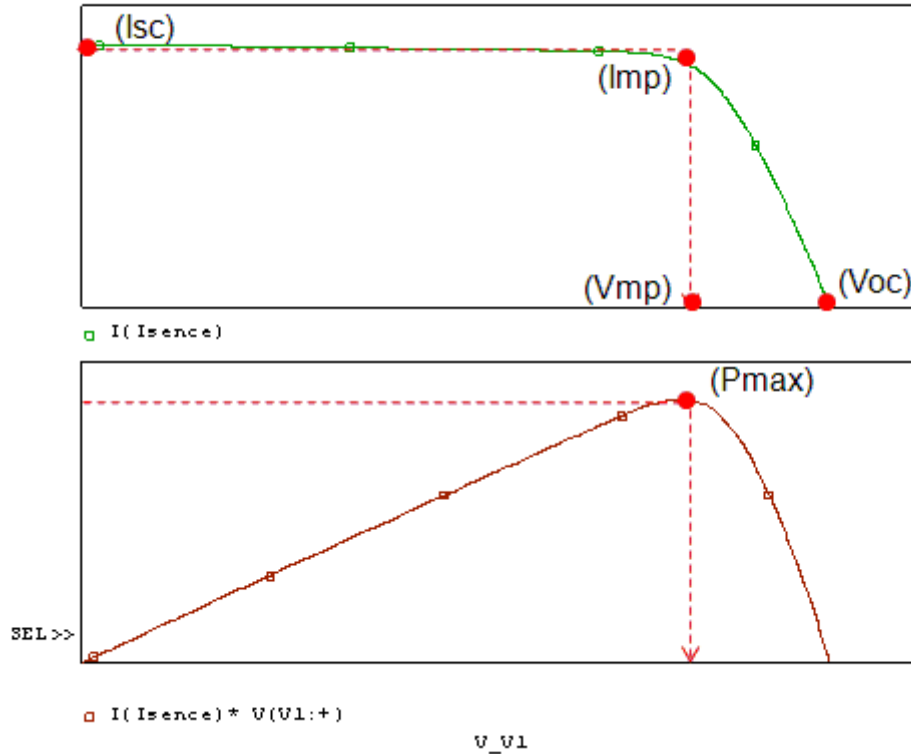
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	115.500	115.500	0.000
Vmp	70.000	70.000	0.000
Imp	1.650	1.650	0.000
Isc	1.920	1.920	0.000
Voc	92.700	92.742	0.045

Data Information

No. HEM115PSA	
Maximum power(Pmax)	115.5(W)
Voltage at Pmax(Vmp)	70.0(V)
Current at Pmax(Imp)	1.65(A)
Short-circuit current(Isc)	1.92(A)
Open-circuit voltage(Voc)	92.7(V)