

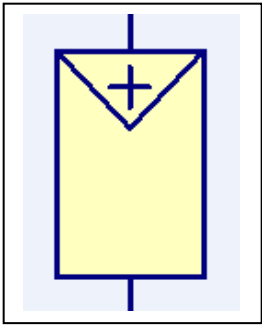
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: HEM115PA
MUNUFACTURER: HONDA
REMARK: Pmax=115.5(W)
REPORT of Solar Cells (LTspice IV)



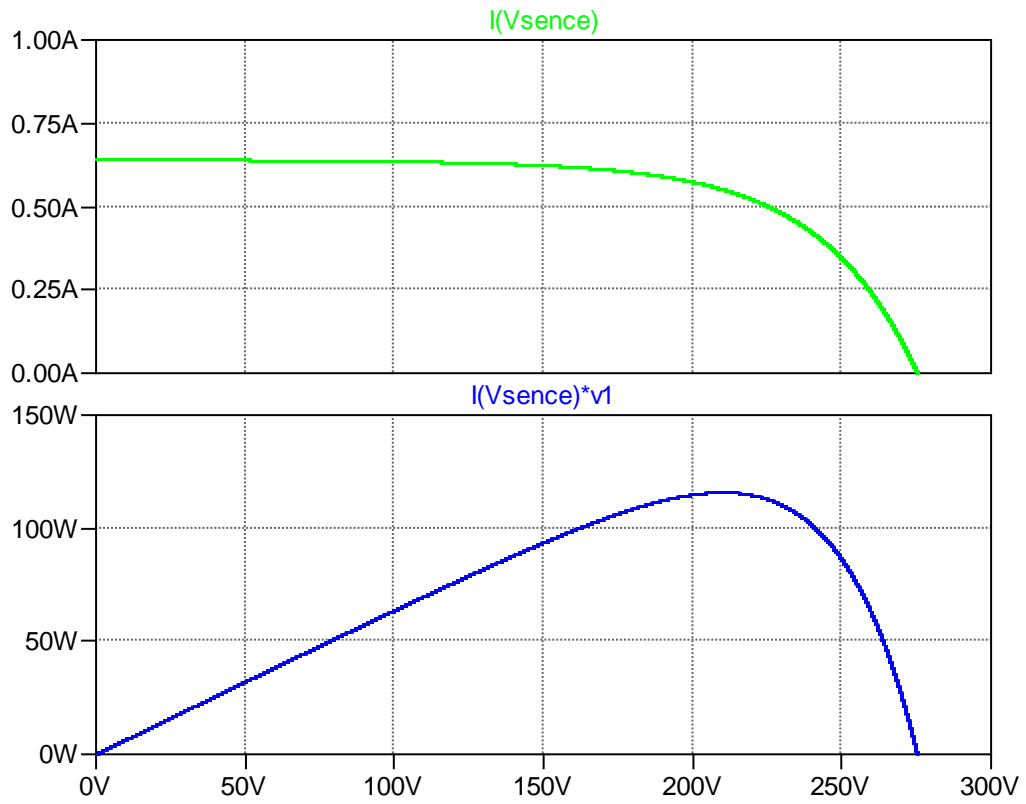
Bee Technologies Inc.

Circuit Configuration

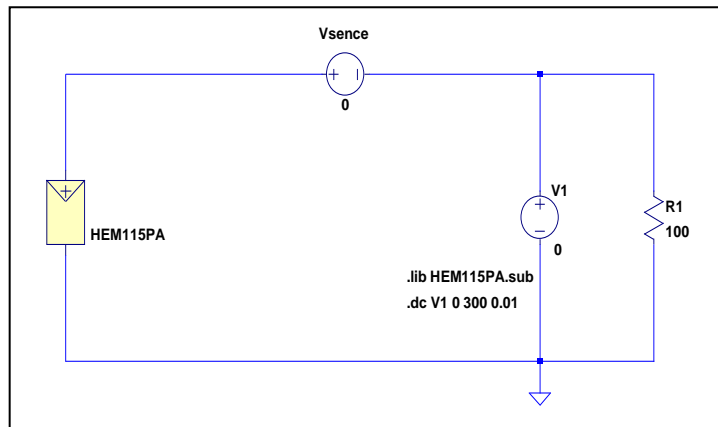


Output Characteristic

Circuit Simulation Result



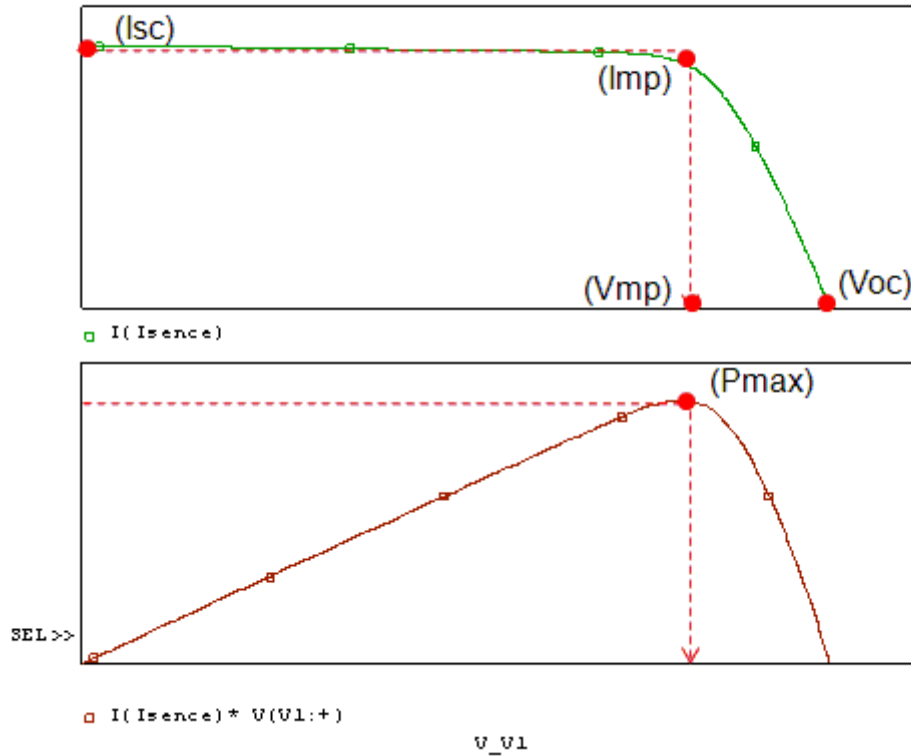
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	115.500	115.500	0.000
Vmp	210.000	210.000	0.000
Imp	0.550	0.550	0.000
Isc	0.640	0.640	0.000
Voc	278.000	275.116	-1.037

Data Information

No. HEM115PA	
Maximum power(Pmax)	115.5(W)
Voltage at Pmax(Vmp)	210(V)
Current at Pmax(Imp)	0.55(A)
Short-circuit current(Isc)	0.64(A)
Open-circuit voltage(Voc)	278(V)
