

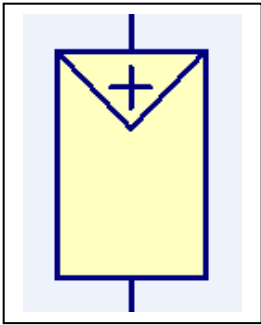
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: HIP-200BK5
MUNUFACTURER: SANYO
REMARK: Pmax=200(W)
REPORT of SolarCells (LTspice IV)



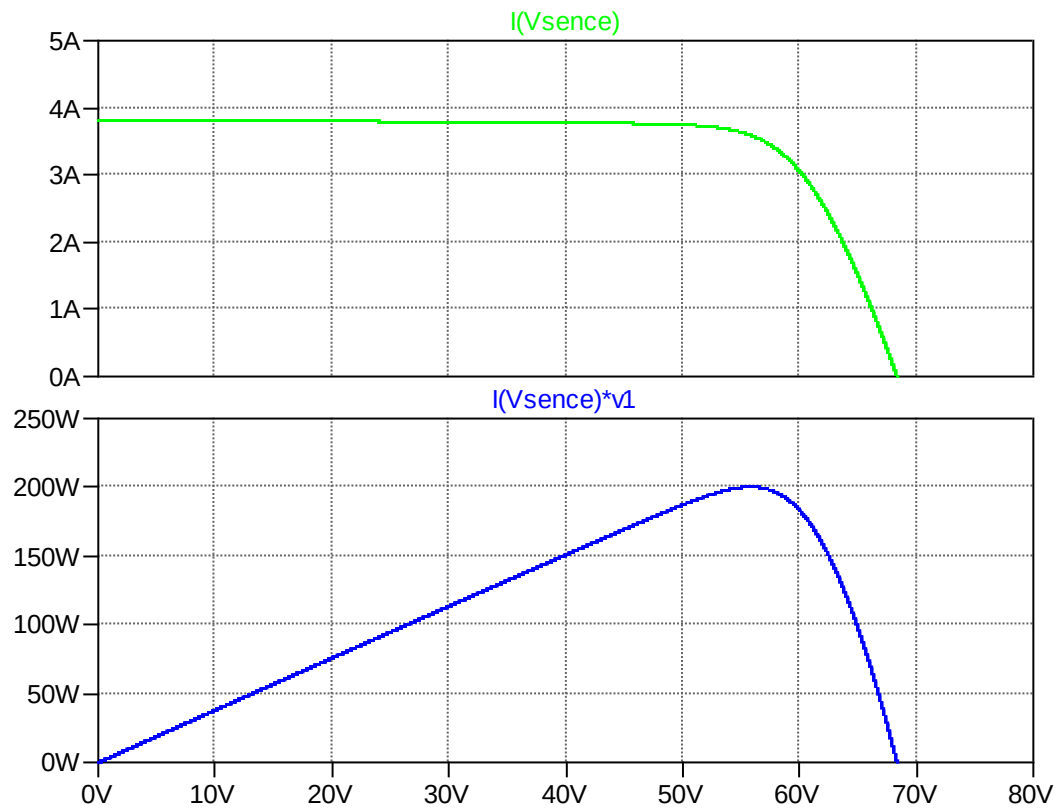
Bee Technologies Inc.

Circuit Configuration

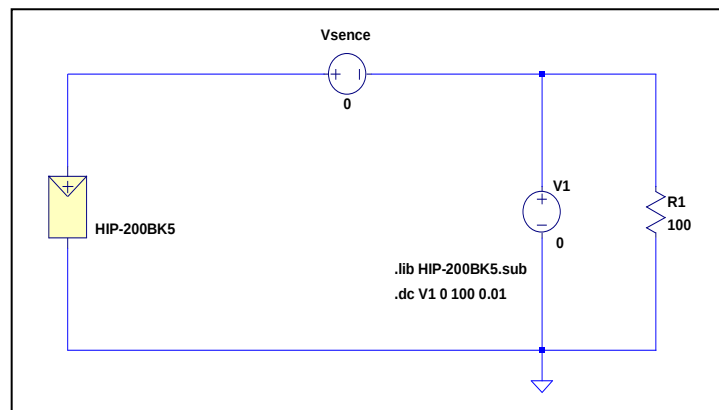


Output Characteristic

Circuit Simulation Result



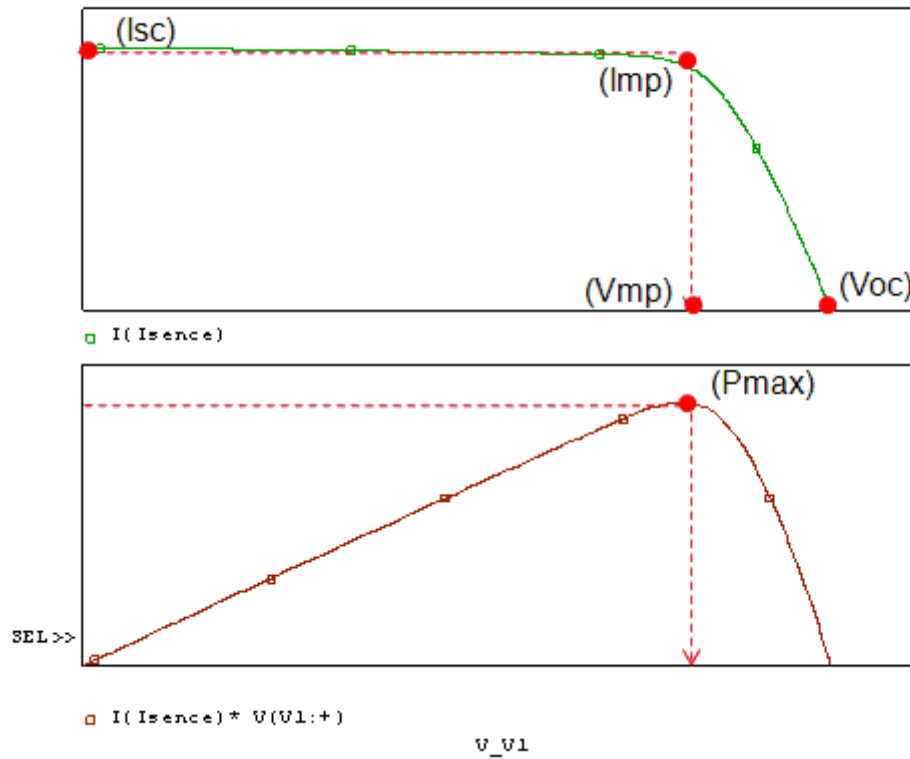
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	200.0000	200.2080	0.1040
Vmp	55.8000	55.7800	-0.0358
Imp	3.5900	3.5893	-0.0195
Isc	3.8300	3.8243	-0.1488
Voc	68.7000	68.2930	-0.5924

Data Information

No. HIP-200BK5	
Maximum power(Pmax)	200.0000
Voltage at Pmax(Vmp)	55.8000
Current at Pmax(Imp)	3.5900
Short-circuit current(Isc)	3.8300
Open-circuit voltage(Voc)	68.7000