

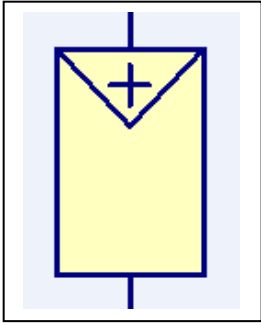
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: SX 3200
MUNUFACTURER: bp Solar
REMARK:Pmax=200(W)
REPORT of Solar Cells (LTspice IV)



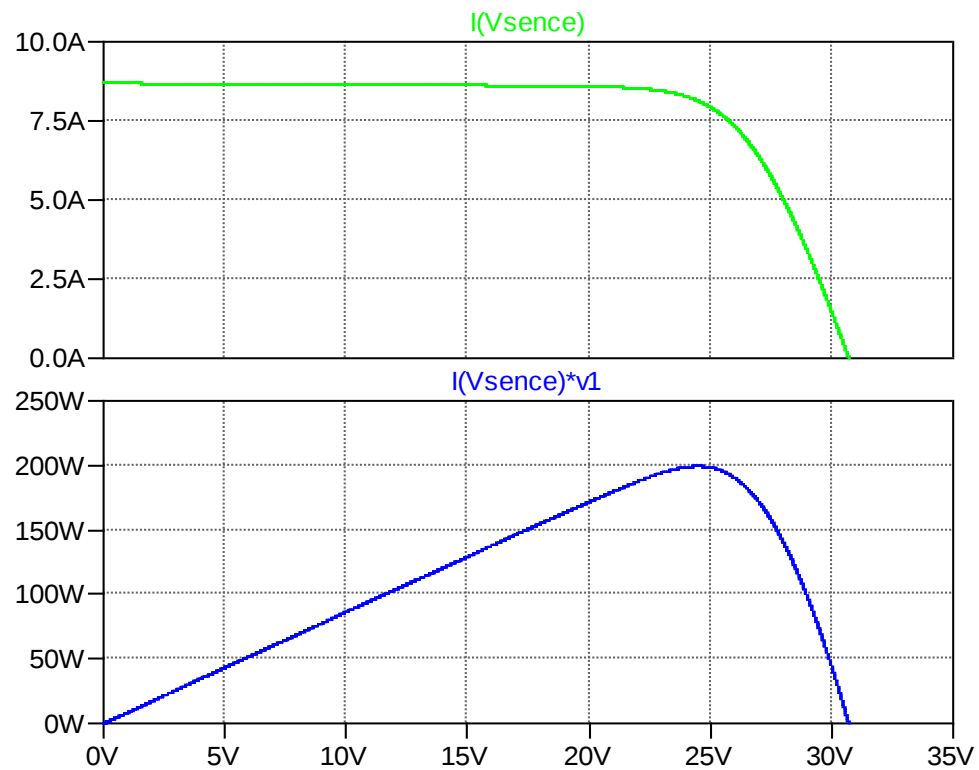
Bee Technologies Inc.

Circuit Configuration

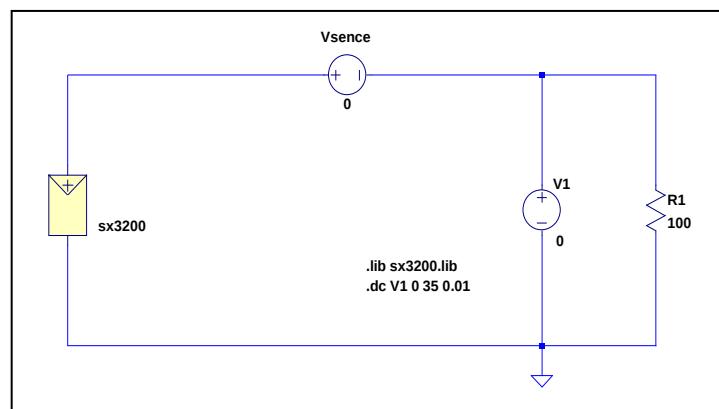


Output Characteristic

Circuit Simulation Result



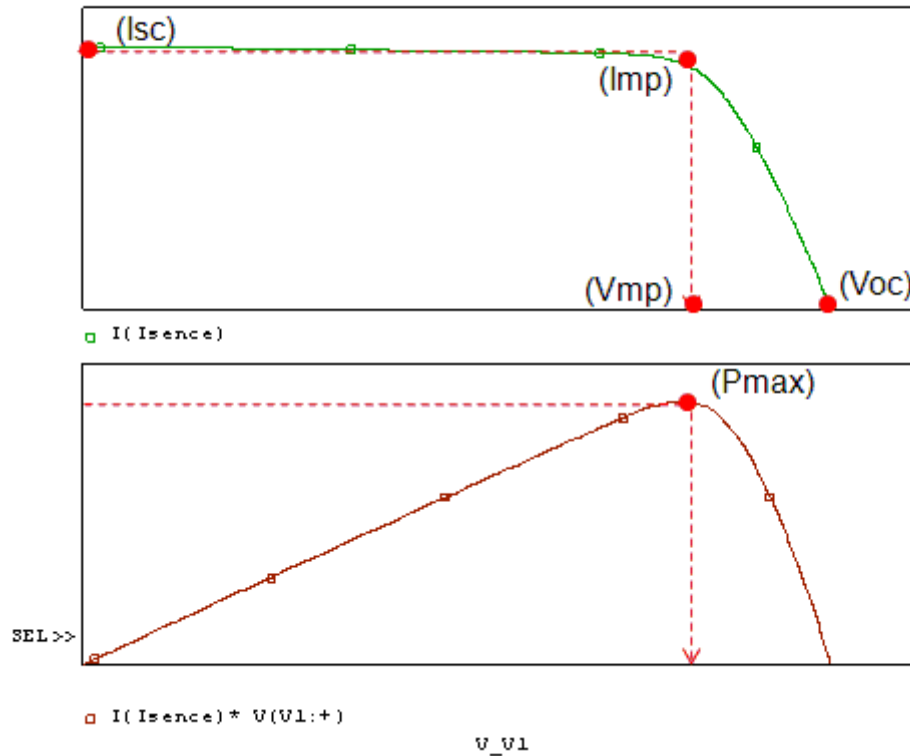
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Isc	8.7000	8.6927	-0.084
Voc	30.8000	30.6767	-0.400
Imp	8.1600	8.1243	-0.438
Vmp	24.5000	24.5000	0.000
Pmax(Imp*Vmp)	199.9200	199.0450	-0.438

Data Information

No. SX 3200	
Maximum power (Pmax)³	200W
Voltage at Pmax (Vmp)	24.5
Current at Pmax (Imp)	8.16A
Short-circuit current (Isc)	8.7A
Open-circuit voltage (Voc)	30.8V