

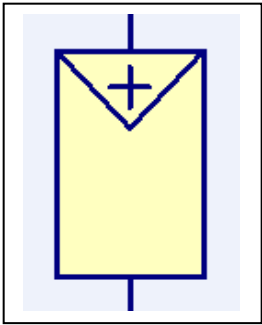
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: ND-061LV_RV
MUNUFACTURER: SHAR
REMARK:Pmax=60.5(W)
REPORT of Solar Cells (LTspice IV)



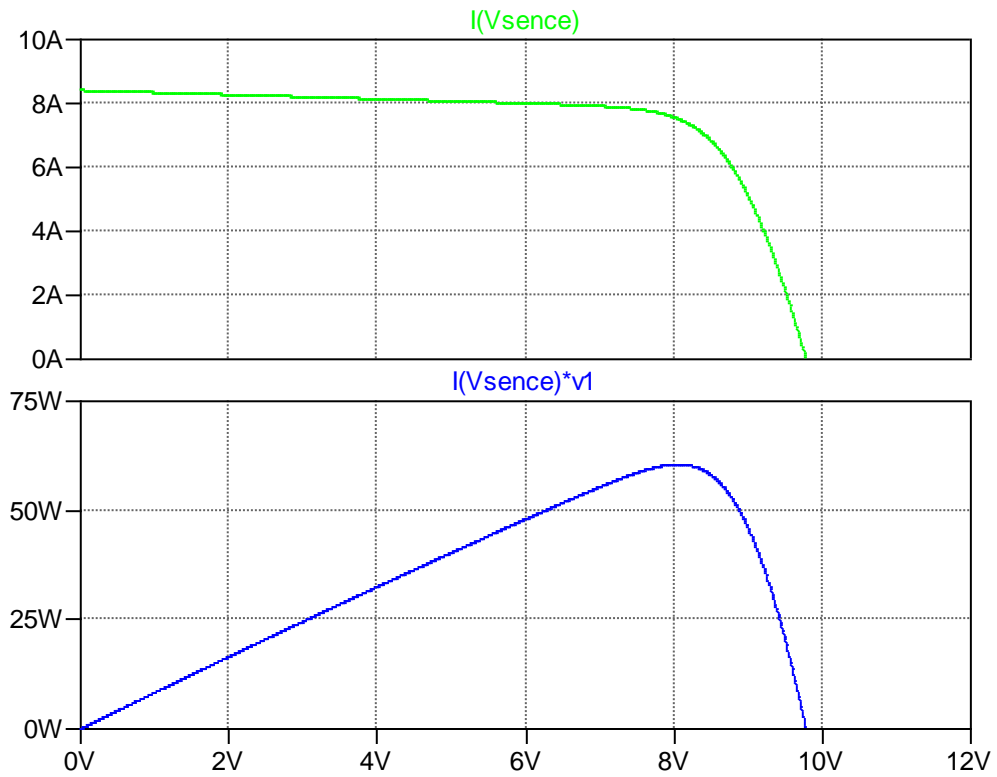
Bee Technologies Inc.

Circuit Configuration

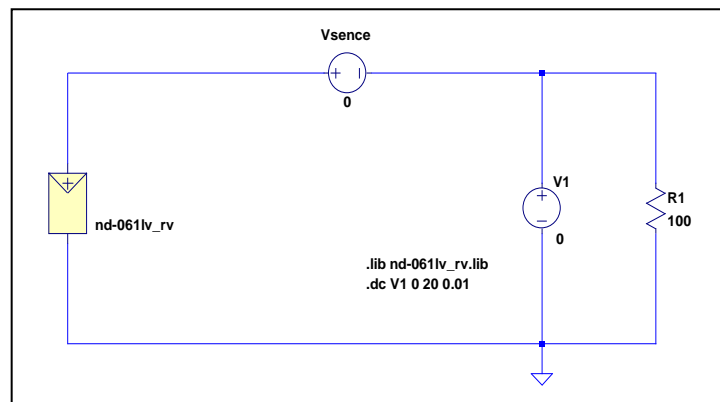


Output Characteristic

Circuit Simulation Result



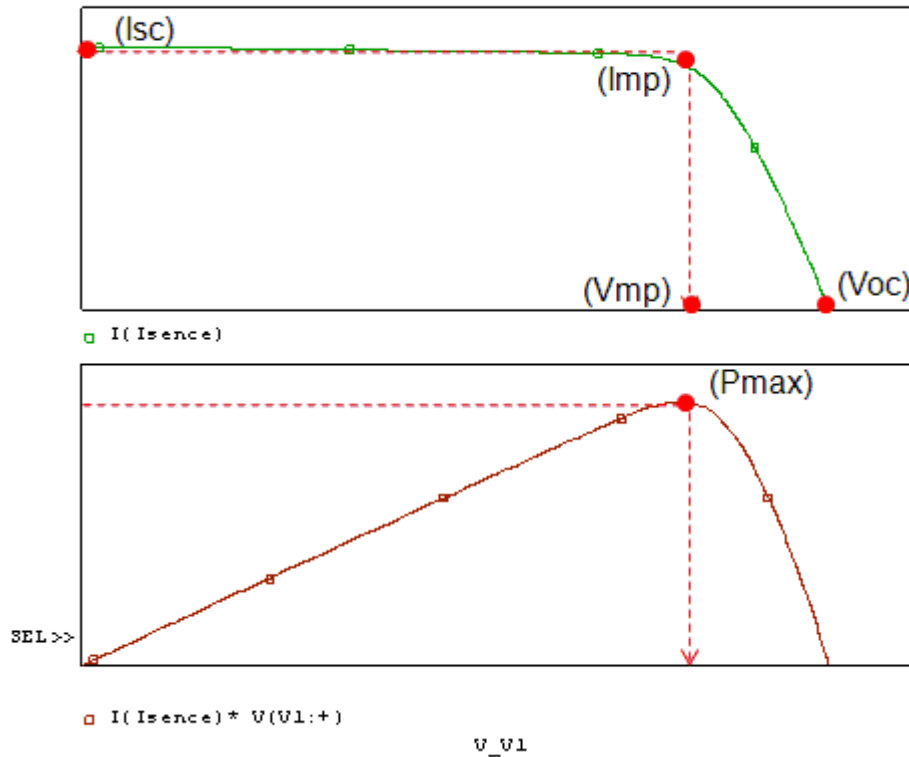
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	60.5000	60.5070	0.0116
Vmp	8.0500	8.0470	-0.0373
Imp	7.5200	7.5192	-0.0106
Voc	9.8000	9.7770	-0.2347
Isc	8.4200	8.4091	-0.1295

Data Information

No. ND-061LV/RV	
Maximum output (Pmax)	60.5000
Maximum power voltage (Vmp)	8.0500
Maximum power current (Imp)	7.5200
Open circuit voltage (Voc)	9.8000
Short circuit current (Isc)	8.4200