

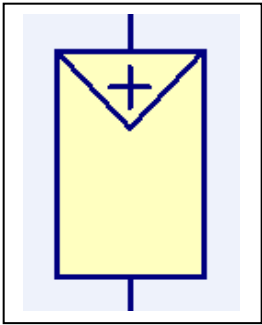
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: ND-071LU/RU
MUNUFACTURER: SHAR
REMARK:Pmax=71(W)
REPORT of Solar Cells (LTspice IV)



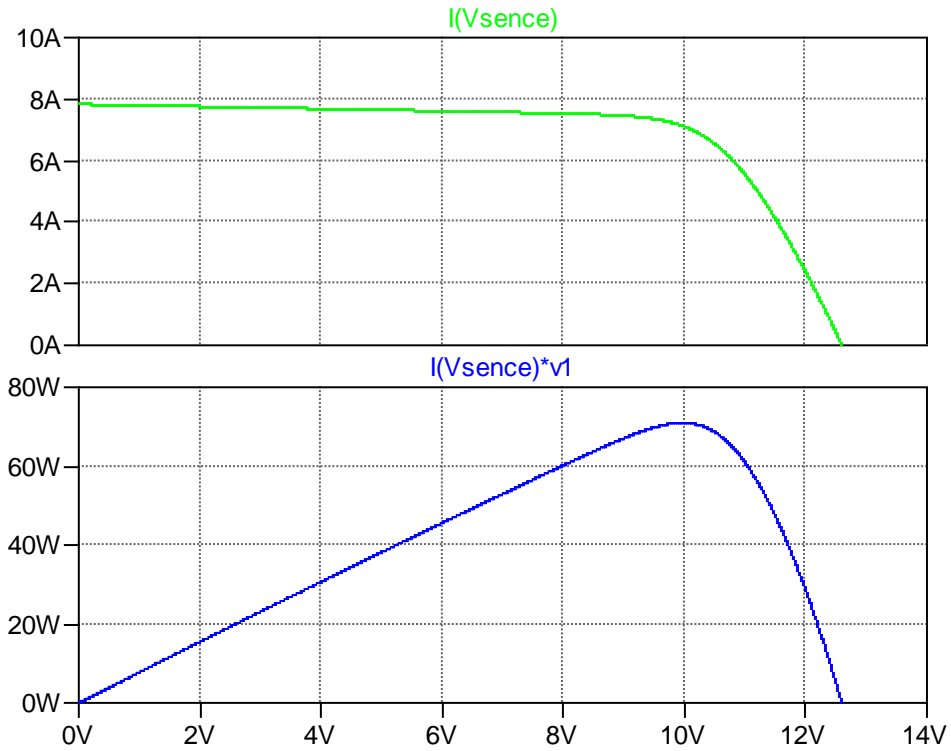
Bee Technologies Inc.

Circuit Configuration

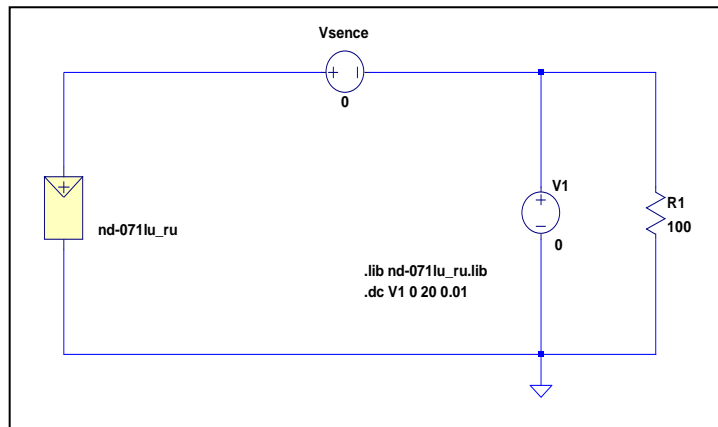


Output Characteristic

Circuit Simulation Result



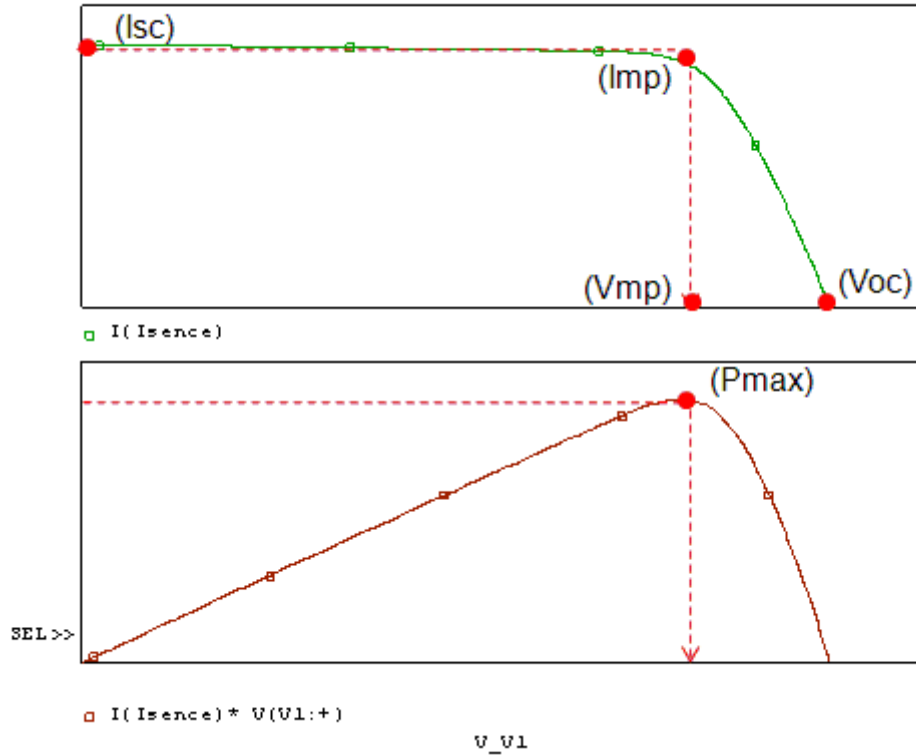
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	71.0000	70.9760	-0.0338
Vmp	9.9600	9.9560	-0.0402
Imp	7.1300	7.1290	-0.0140
Voc	12.6200	12.5900	-0.2377
Isc	7.8400	7.8323	-0.0982

Data Information

No. ND-071LU/RU	
Maximum output (Pmax)	71.0000
Maximum power voltage (Vmp)	9.9600
Maximum power current (Imp)	7.1300
Open circuit voltage (Voc)	12.6200
Short circuit current (Isc)	7.8400