

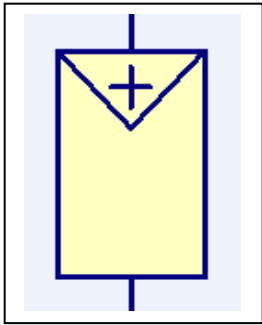
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: PCB195
MANUFACTURER: YOCASOL
REMARK: Pmax=195(W)
REPORT of SolarCells (LTspice IV)



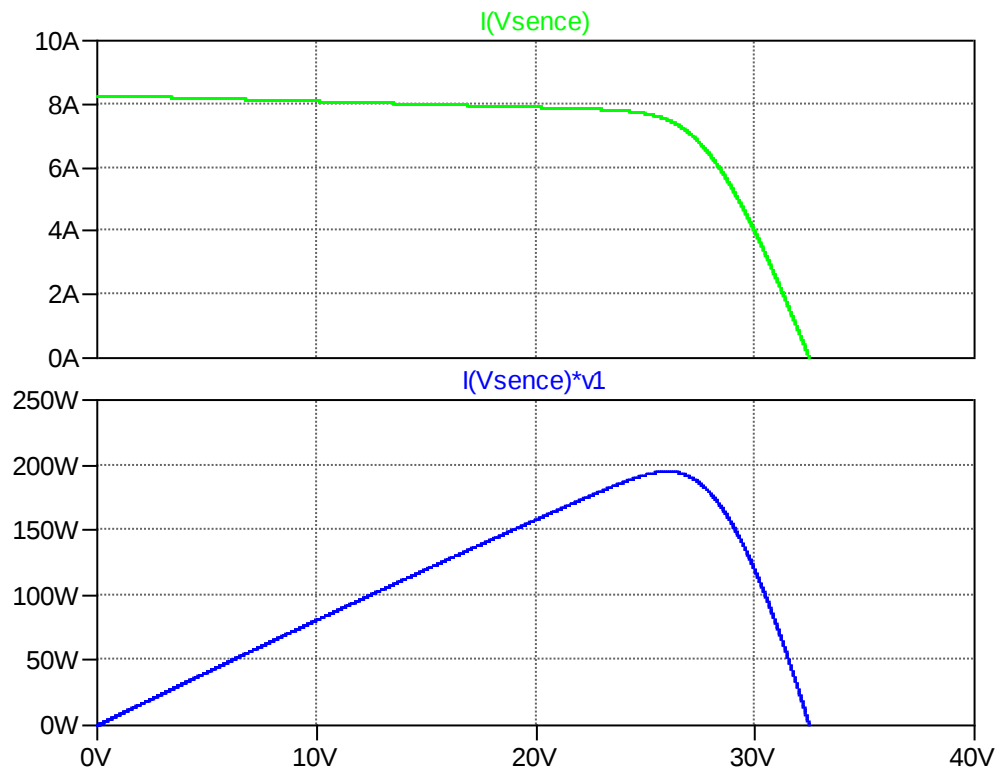
Bee Technologies Inc.

Circuit Configuration

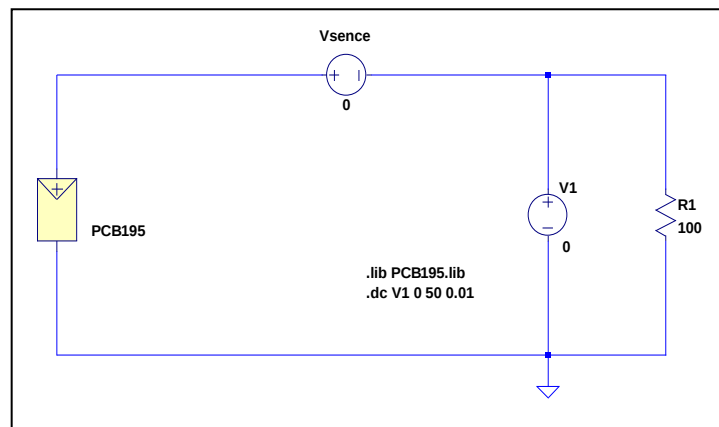


Output Characteristic

Circuit Simulation Result



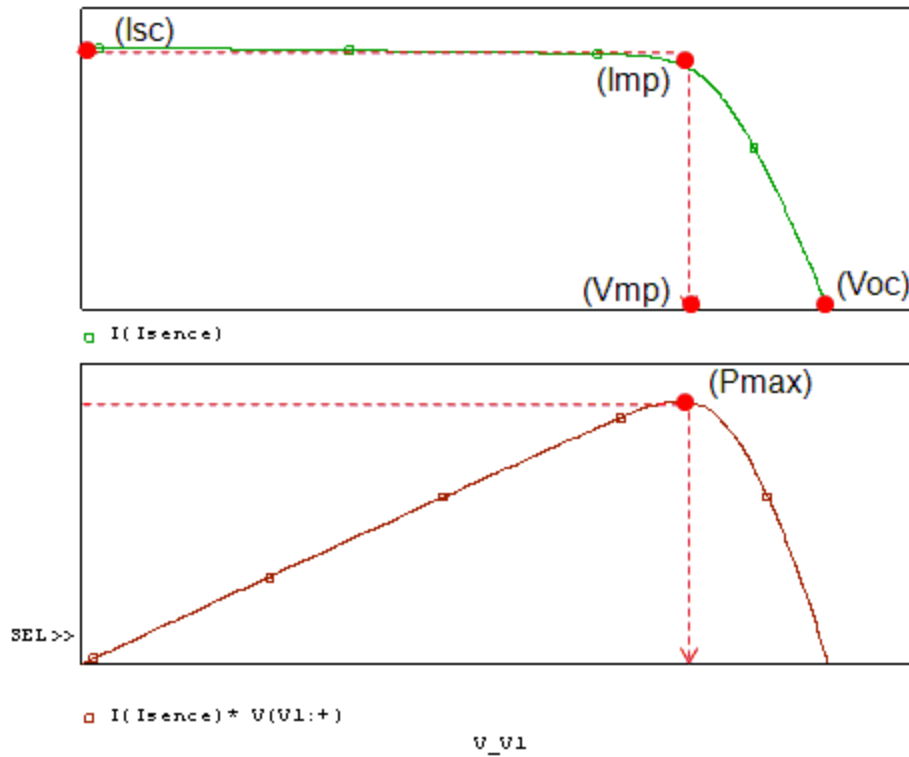
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	195.000	194.897	-0.053
Vmp	26.000	25.990	-0.038
Imp	7.500	7.499	-0.015
Voc	32.500	32.448	-0.160
Isc	8.270	8.270	0.000

Data Information

No. PCB195	
Maximum output (Pmax)	195W
Maximum power voltage (Vmp)	26.0V
Maximum power current (Imp)	7.50A
Open circuit voltage (Voc)	32.5V
Short circuit current (Isc)	8.27A