

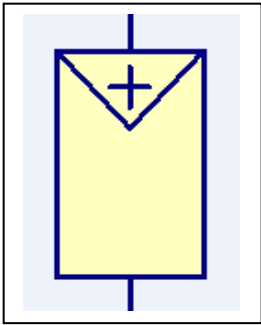
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: PCB185
MANUFACTURER: YOCASOL
REMARK: Pmax=185(W)
REPORT of SolarCells (LTspice IV)



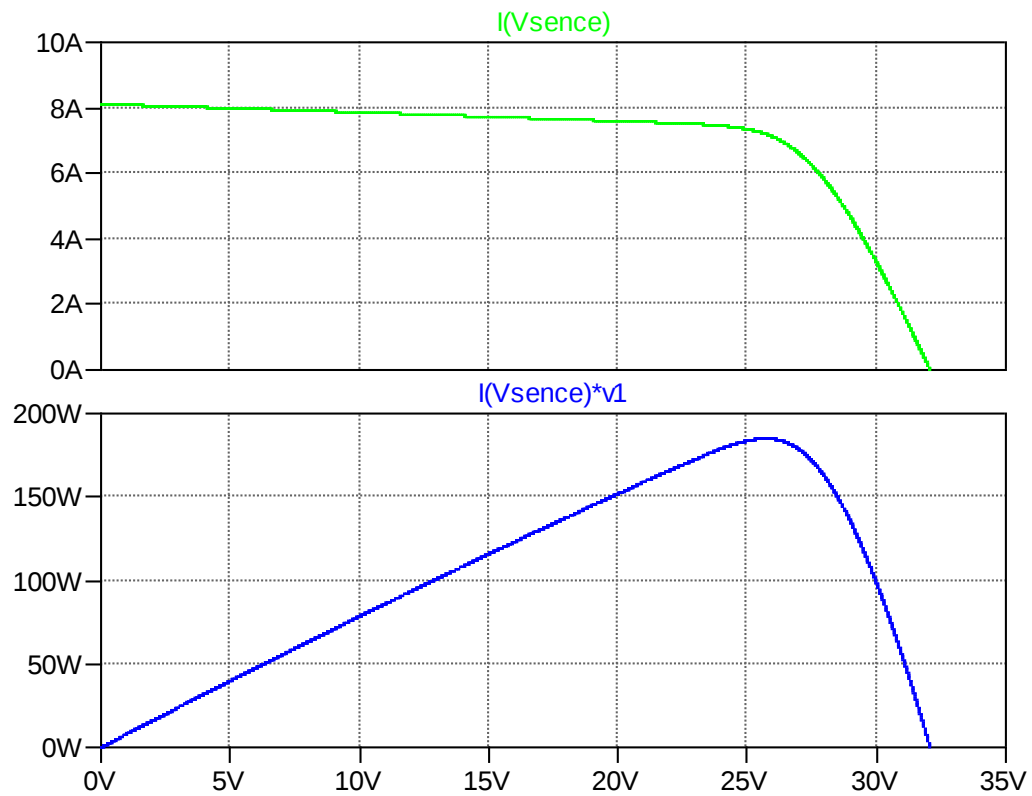
Bee Technologies Inc.

Circuit Configuration

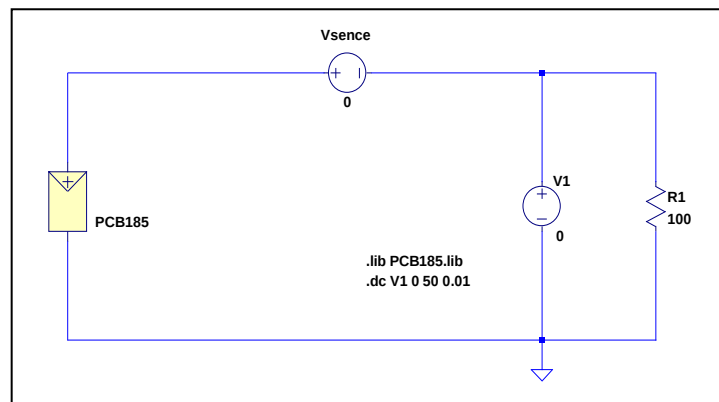


Output Characteristic

Circuit Simulation Result



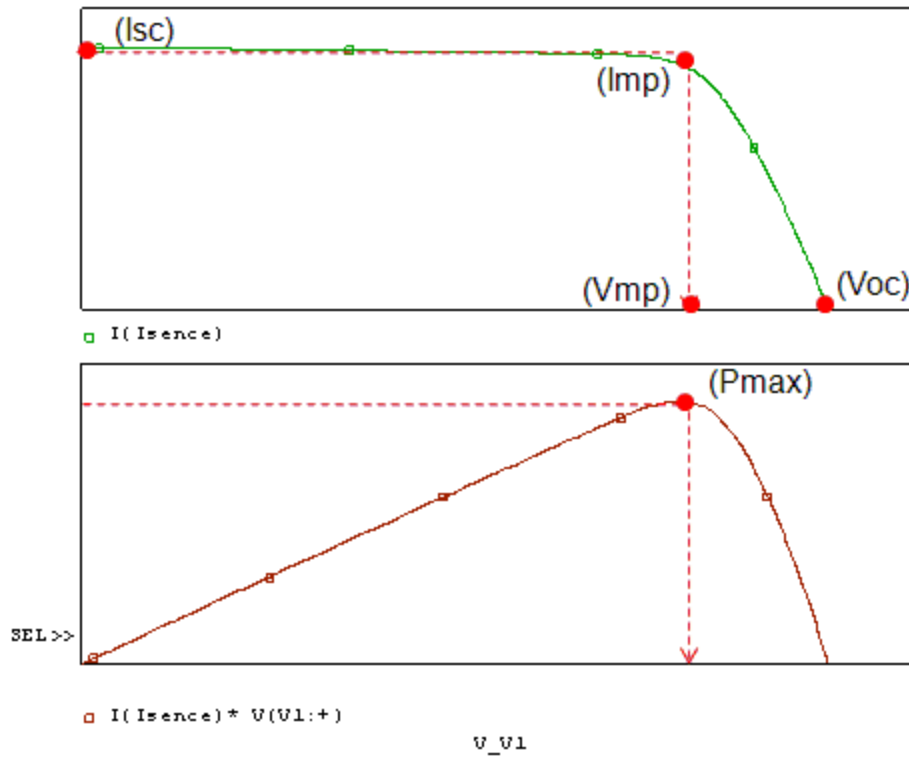
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	185.000	184.968	-0.017
Vmp	25.700	25.690	-0.039
Imp	7.200	7.200	0.000
Voc	32.100	32.043	-0.178
Isc	8.110	8.110	0.000

Data Information

No. PCB185	
Maximum output (Pmax)	185W
Maximum power voltage (Vmp)	25.7V
Maximum power current (Imp)	7.20A
Open circuit voltage (Voc)	32.1V
Short circuit current (Isc)	8.11A