

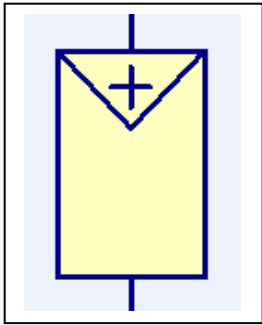
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: PCB190
MANUFACTURER: YOCASOL
REMARK: Pmax=190(W)
REPORT of SolarCells (LTspice IV)



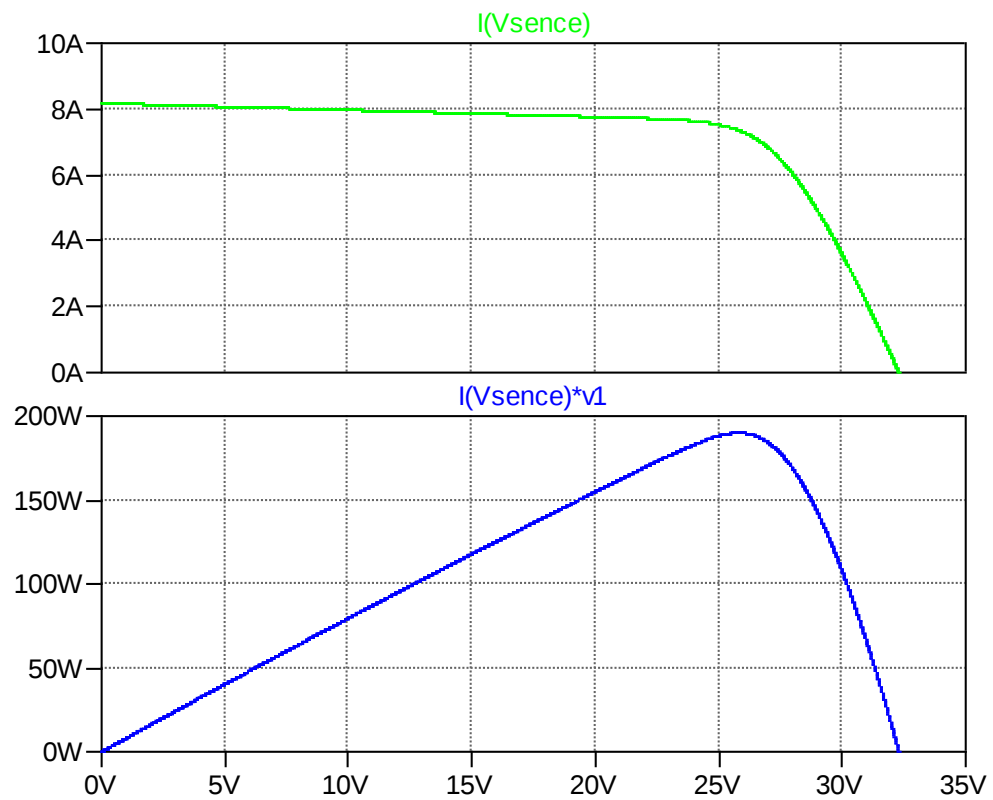
Bee Technologies Inc.

Circuit Configuration

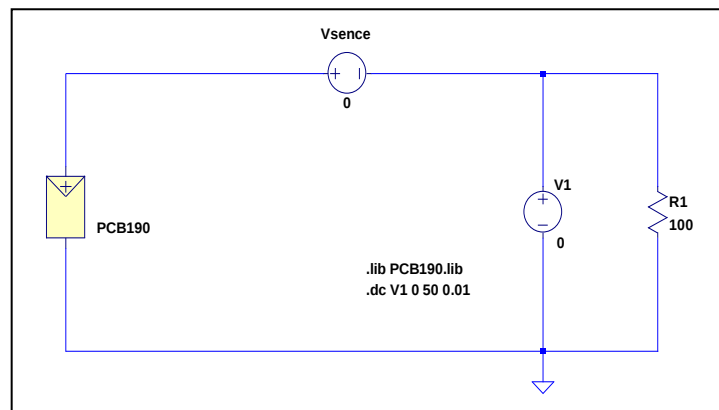


Output Characteristic

Circuit Simulation Result



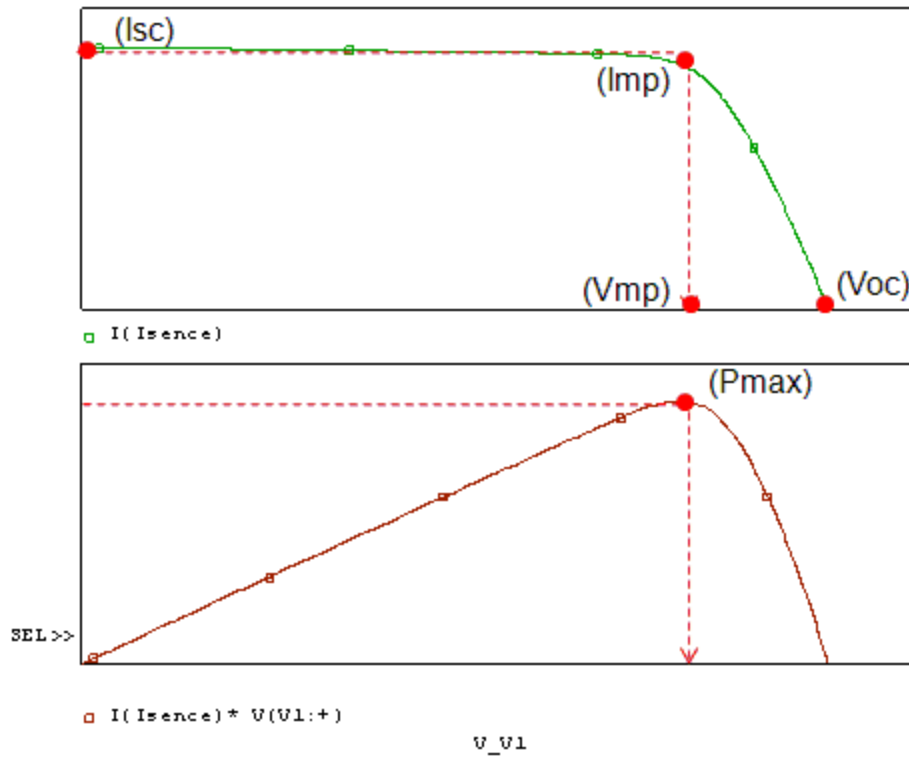
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	190.000	189.796	-0.107
Vmp	25.800	25.790	-0.039
Imp	7.360	7.359	-0.010
Voc	32.300	32.279	-0.065
Isc	8.180	8.180	0.000

Data Information

No. PCB190	
Maximum output (Pmax)	190W
Maximum power voltage (Vmp)	25.8V
Maximum power current (Imp)	7.36A
Open circuit voltage (Voc)	32.3V
Short circuit current (Isc)	8.18A