

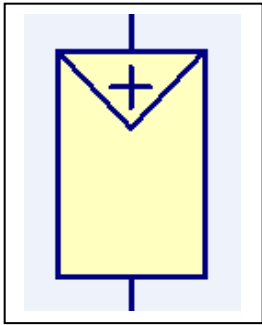
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: PCB180
MANUFACTURER: YOCASOL
REMARK: Pmax=180(W)
REPORT of SolarCells (LTspice IV)



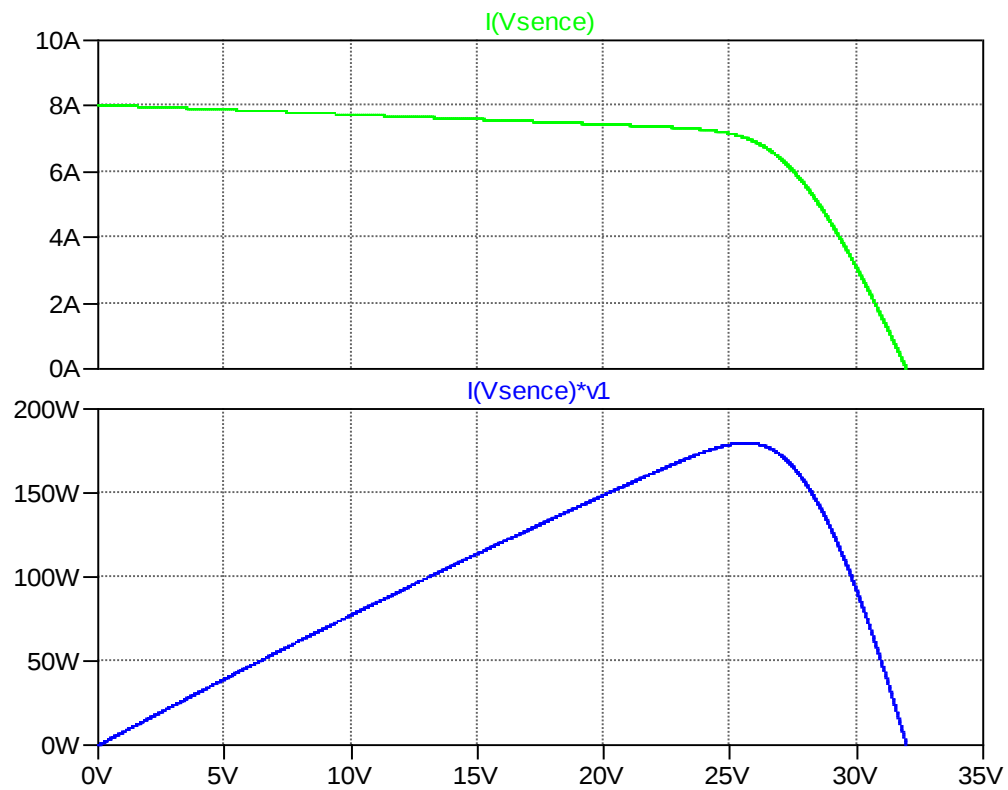
Bee Technologies Inc.

Circuit Configuration

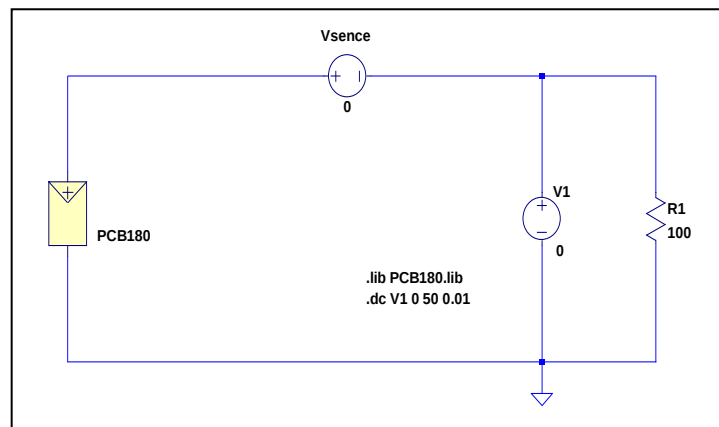


Output Characteristic

Circuit Simulation Result



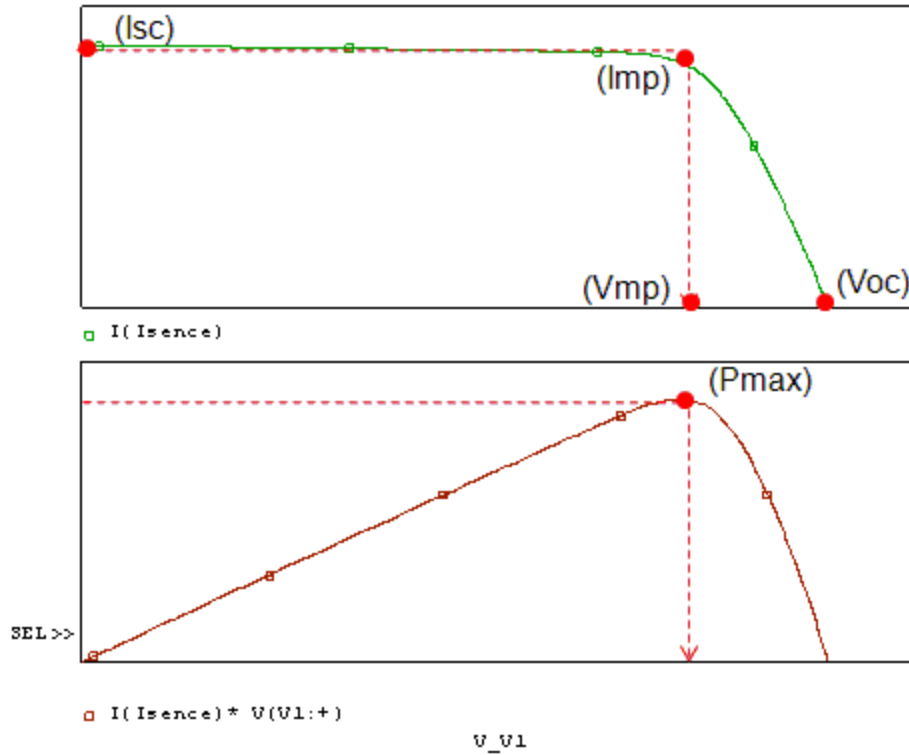
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	180.00	179.871	-0.072
Vmp	25.60	25.590	-0.039
Imp	7.03	7.029	-0.014
Voc	32.00	31.954	-0.144
Isc	8.04	8.040	0.000

Data Information

No. PCB180	
Maximum output (Pmax)	180W
Maximum power voltage (Vmp)	25.6V
Maximum power current (Imp)	7.03A
Open circuit voltage (Voc)	32.0V
Short circuit current (Isc)	8.04A