

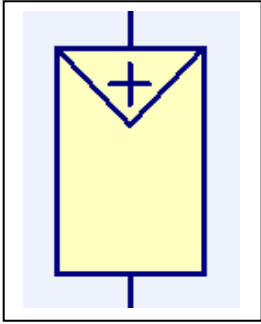
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: LDA180
MANUFACTURER: YOCASOL
REMARK: Pmax=180(W)
REPORT of SolarCells (LTspice IV)



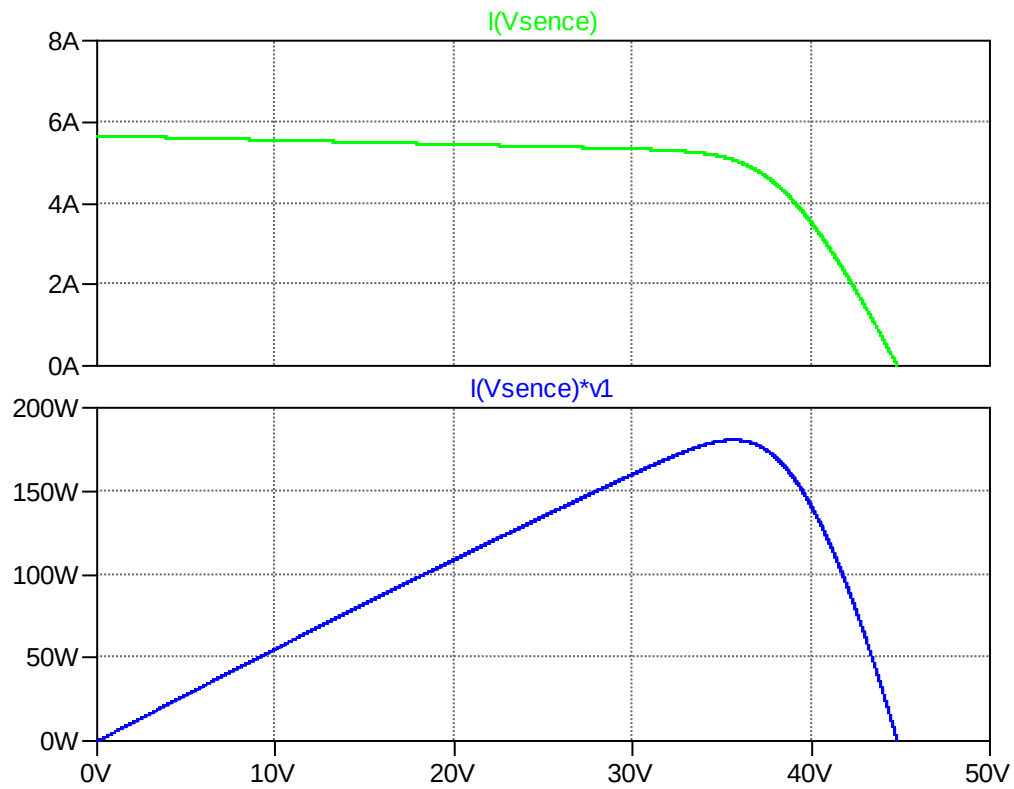
Bee Technologies Inc.

Circuit Configuration

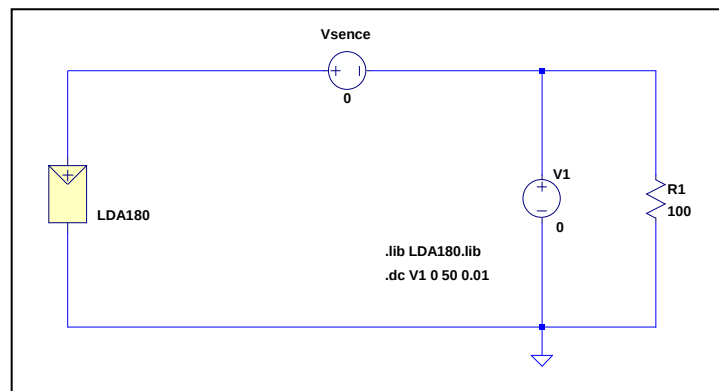


Output Characteristic

Circuit Simulation Result



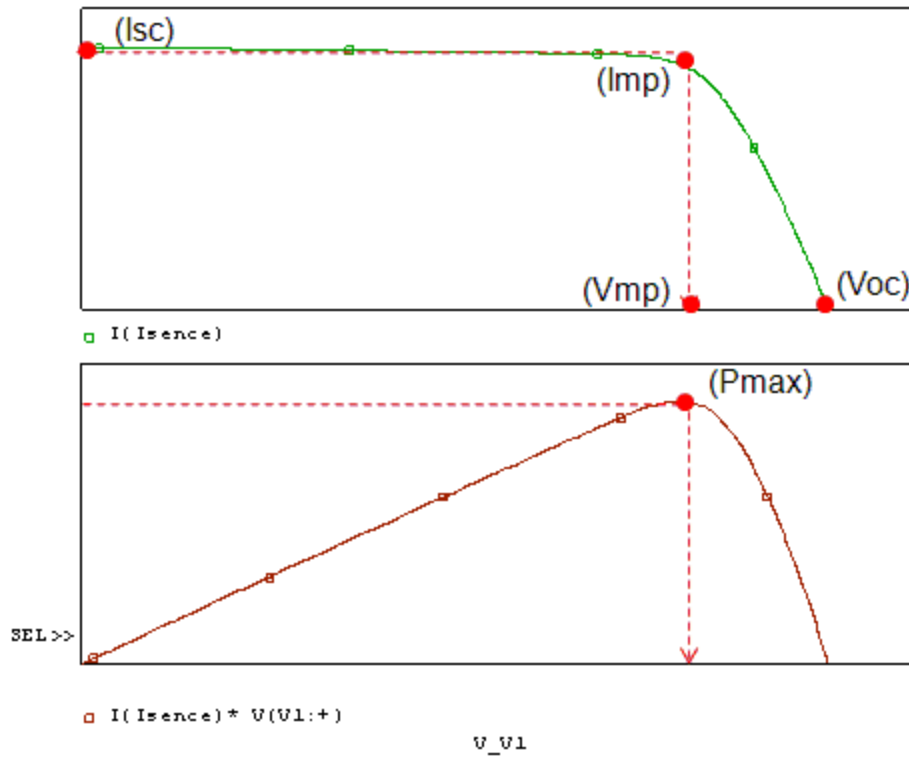
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	180.0000	180.4910	0.273
Vmp	35.6000	35.6000	0.000
Imp	5.0700	5.0700	0.000
Voc	44.8000	44.7890	-0.025
Isc	5.6600	5.6599	-0.002

Data Information

No. LDA180	
Maximum output (Pmax)	180W
Maximum power voltage (Vmp)	35.6V
Maximum power current (Imp)	5.07A
Open circuit voltage (Voc)	44.8V
Short circuit current (Isc)	5.66A