

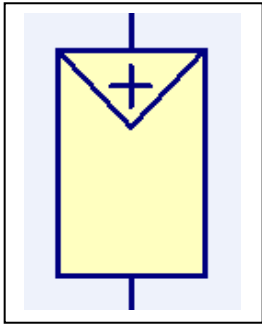
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: LDA175
MANUFACTURER: YOCASOL
REMARK: Pmax=175(W)
REPORT of SolarCells (LTspice IV)



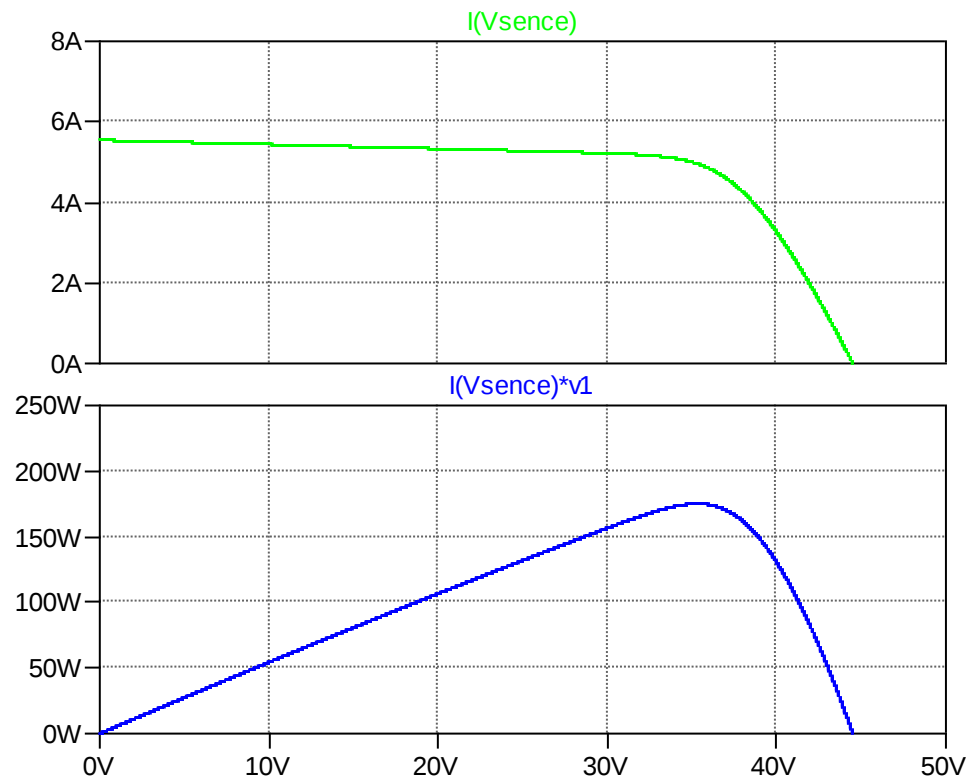
Bee Technologies Inc.

Circuit Configuration

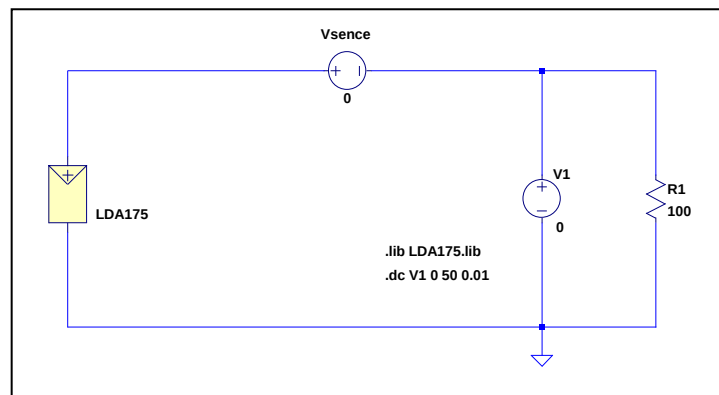


Output Characteristic

Circuit Simulation Result



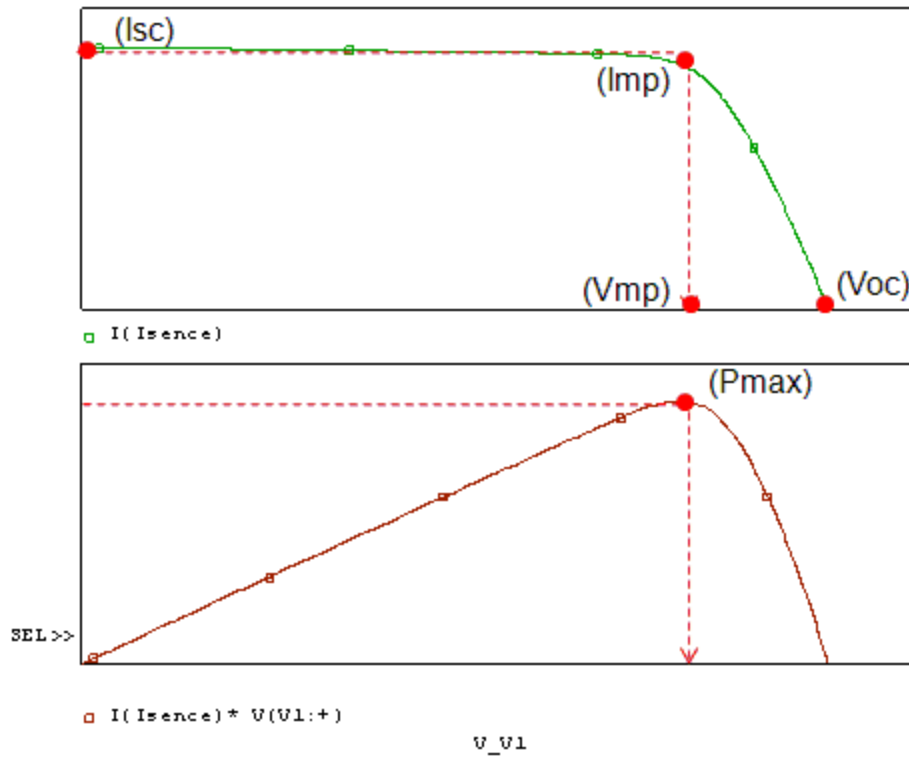
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	175.0000	175.0870	0.050
Vmp	35.3000	35.3000	0.000
Imp	4.9600	4.9600	0.000
Voc	44.5000	44.4750	-0.056
Isc	5.5500	5.5491	-0.016

Data Information

No. LDA175	
Maximum output (Pmax)	175W
Maximum power voltage (Vmp)	35.3V
Maximum power current (Imp)	4.96A
Open circuit voltage (Voc)	44.5V
Short circuit current (Isc)	5.55A