

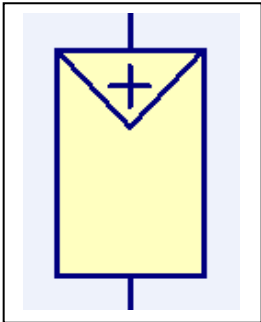
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: LDA160
MANUFACTURER: YOCASOL
REMARK: Pmax=160(W)
REPORT of SolarCells (LTspice IV)



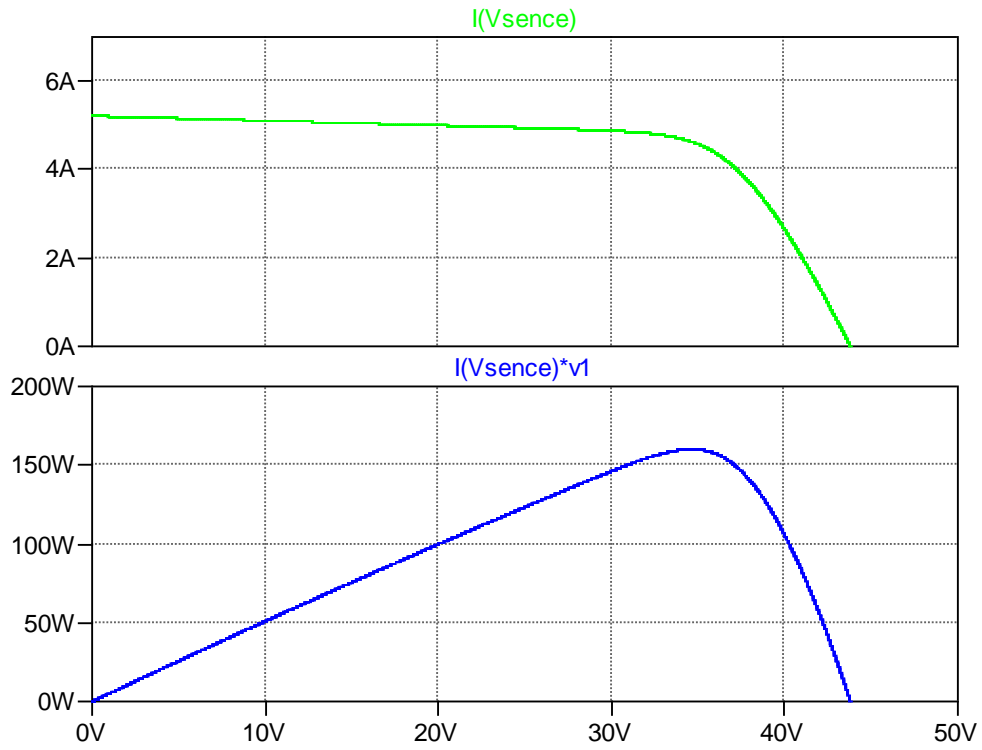
Bee Technologies Inc.

Circuit Configuration

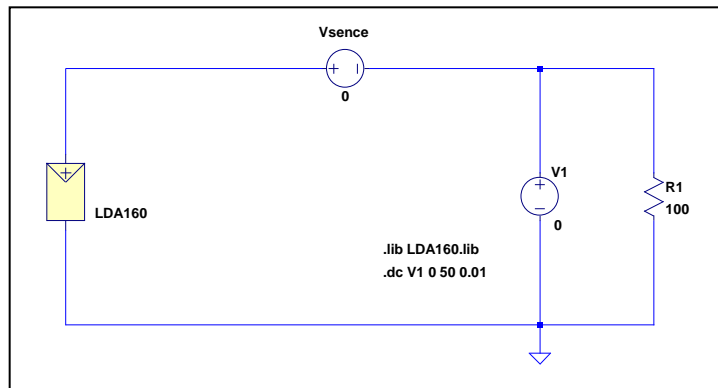


Output Characteristic

Circuit Simulation Result



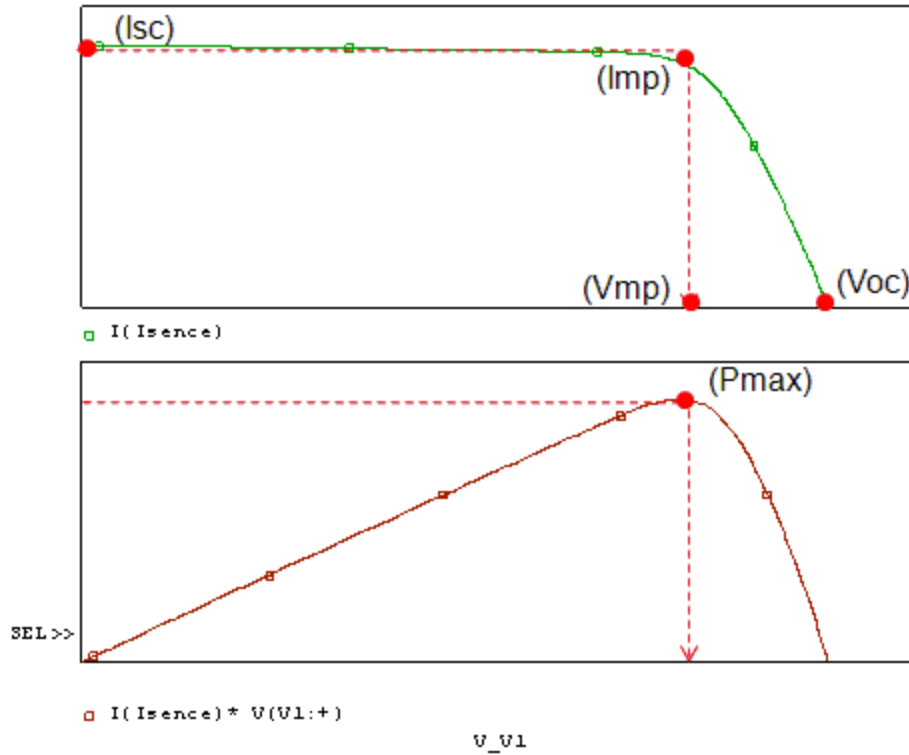
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	160.0000	160.1960	0.122
Vmp	34.6000	34.6000	0.000
Imp	4.6300	4.6300	0.000
Voc	43.8000	43.7700	-0.068
Isc	5.2200	5.2170	-0.057

Data Information

No. LDA160	
Maximum output (Pmax)	160W
Maximum power voltage (Vmp)	34.6V
Maximum power current (Imp)	4.63A
Open circuit voltage (Voc)	43.8V
Short circuit current (Isc)	5.22A