

Device Modeling Report

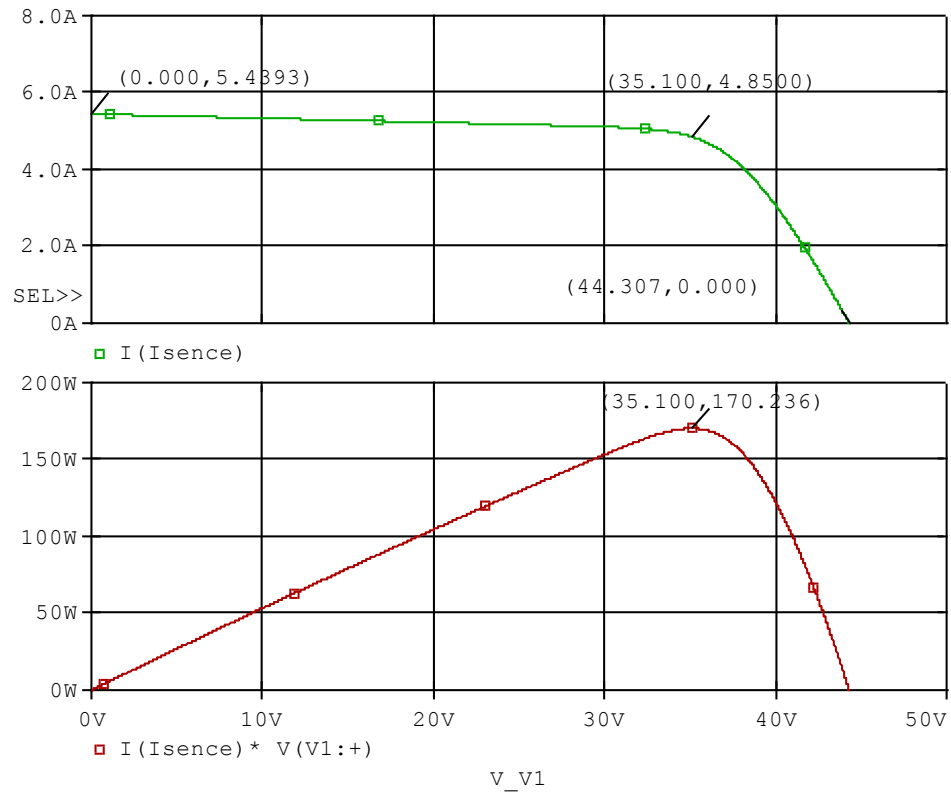
COMPONENTS: Solar Cell
PART NUMBER: LDA170
MANUFACTURER: YOCASOL
REMARK: Pmax=170(W)



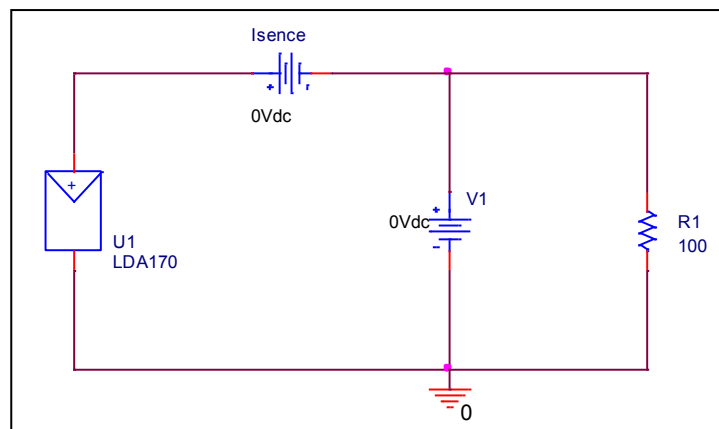
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



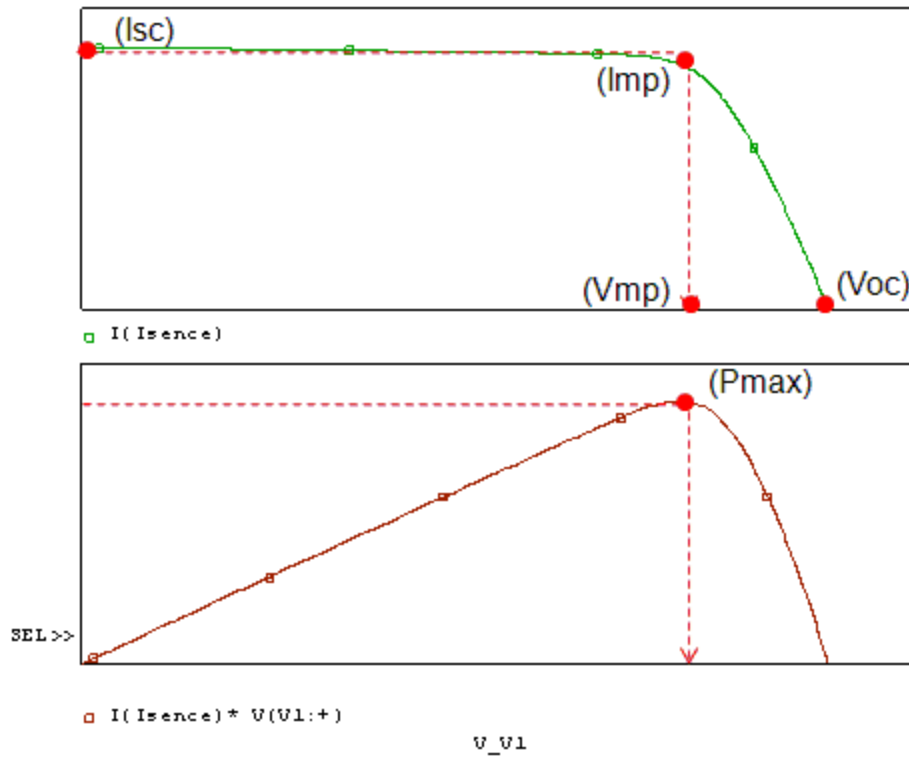
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	170.0000	170.2360	170.0000
Vmp	35.1000	35.1000	35.1000
Imp	4.8500	4.8500	4.8500
Voc	44.3000	44.3070	44.3000
Isc	5.4400	5.4393	5.4400

Data Information

No. LDA170	
Maximum output (Pmax)	170W
Maximum power voltage (Vmp)	35.1V
Maximum power current (Imp)	4.85A
Open circuit voltage (Voc)	44.3V
Short circuit current (Isc)	5.44A