

Device Modeling Report

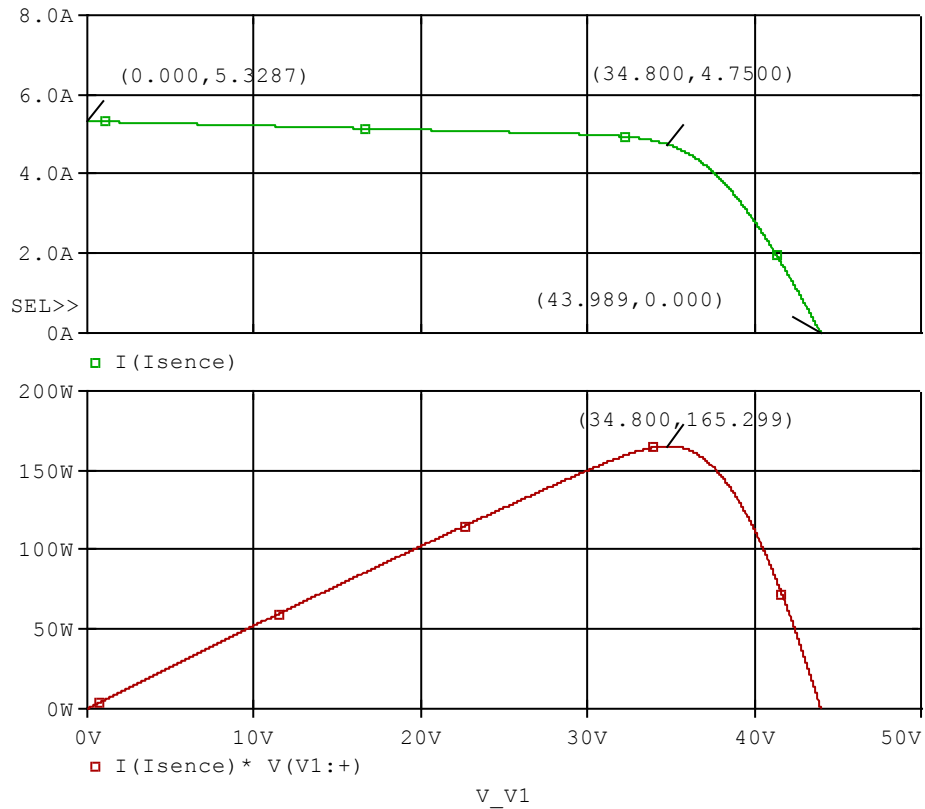
COMPONENTS: Solar Cell
PART NUMBER: LDA165
MANUFACTURER: YOCASOL
REMARK: Pmax=165(W)



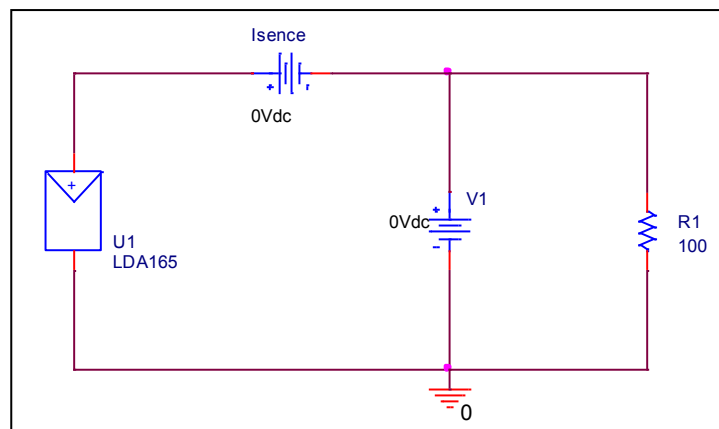
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



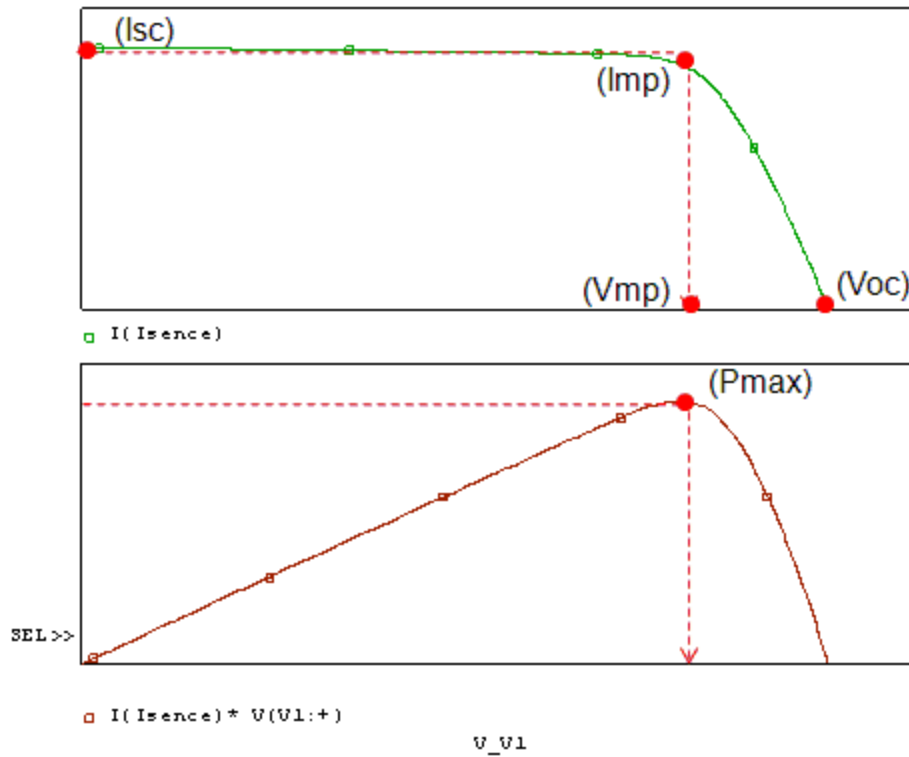
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	165.0000	165.2990	0.181
Vmp	34.8000	34.8000	0.000
Imp	4.7500	4.7500	0.000
Voc	44.0000	43.9890	-0.025
Isc	5.3300	5.3287	-0.024

Data Information

No. LDA165	
Maximum output (Pmax)	165W
Maximum power voltage (Vmp)	34.8V
Maximum power current (Imp)	4.75A
Open circuit voltage (Voc)	44.0V
Short circuit current (Isc)	5.33A