

Device Modeling Report

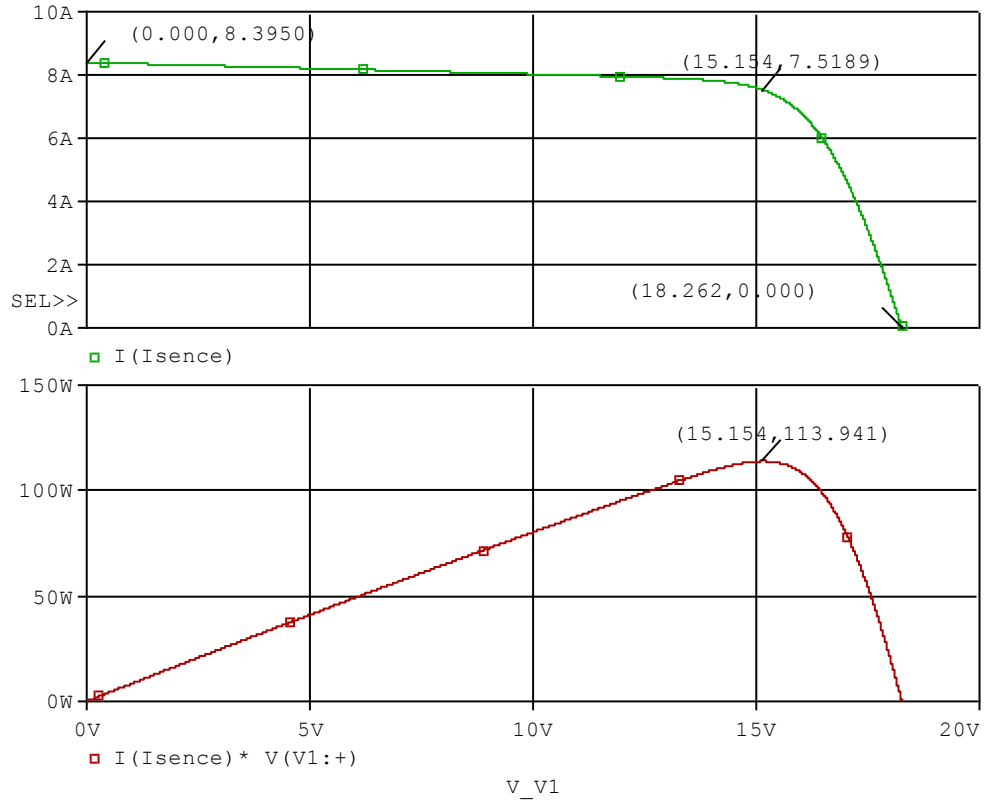
COMPONENTS: Solar Cell
PART NUMBER: ND-114CV
MUNUFACTURER: SHARP
REMARK: Pmax=114(W)



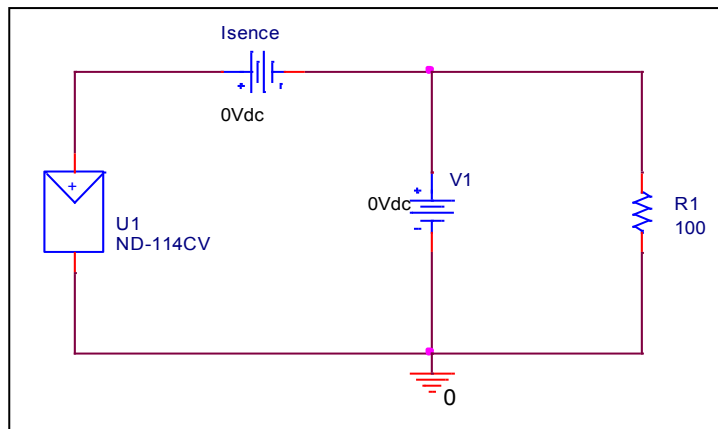
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



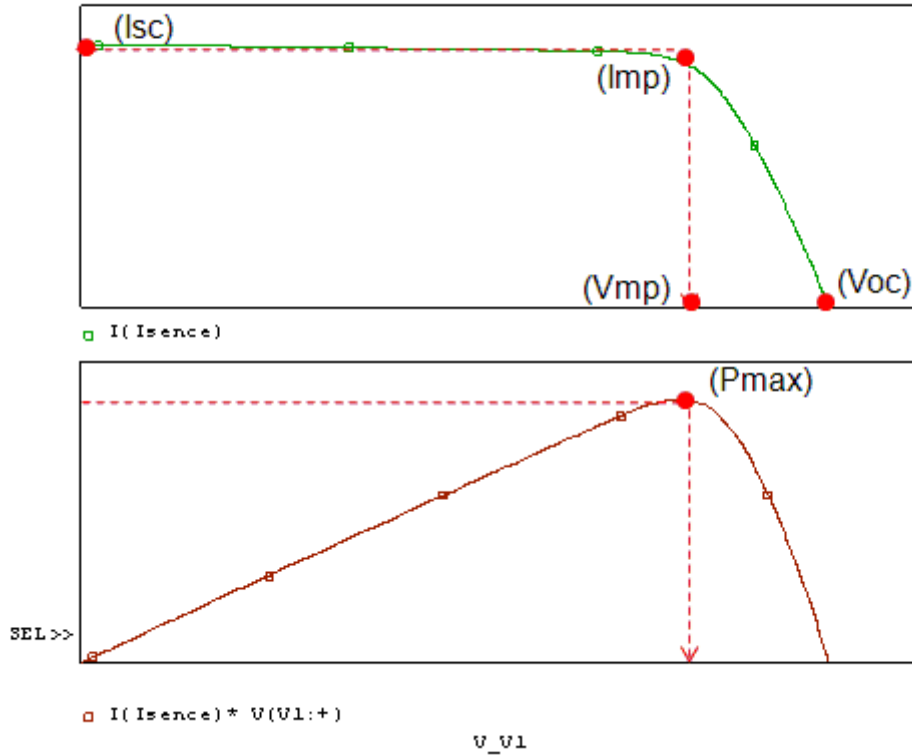
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	114.0000	113.9410	-0.0518
Vmp	15.1600	15.1540	-0.0396
Imp	7.5200	7.5189	-0.0146
Voc	18.3000	18.2620	-0.2077
Isc	8.4200	8.3950	-0.2969

Data Information

No. ND-114CV	
Maximum output (Pmax)	114.0000
Maximum power voltage (Vmp)	15.1600
Maximum power current (Imp)	7.5200
Open circuit voltage (Voc)	18.3000
Short circuit current (Isc)	8.4200