

Device Modeling Report

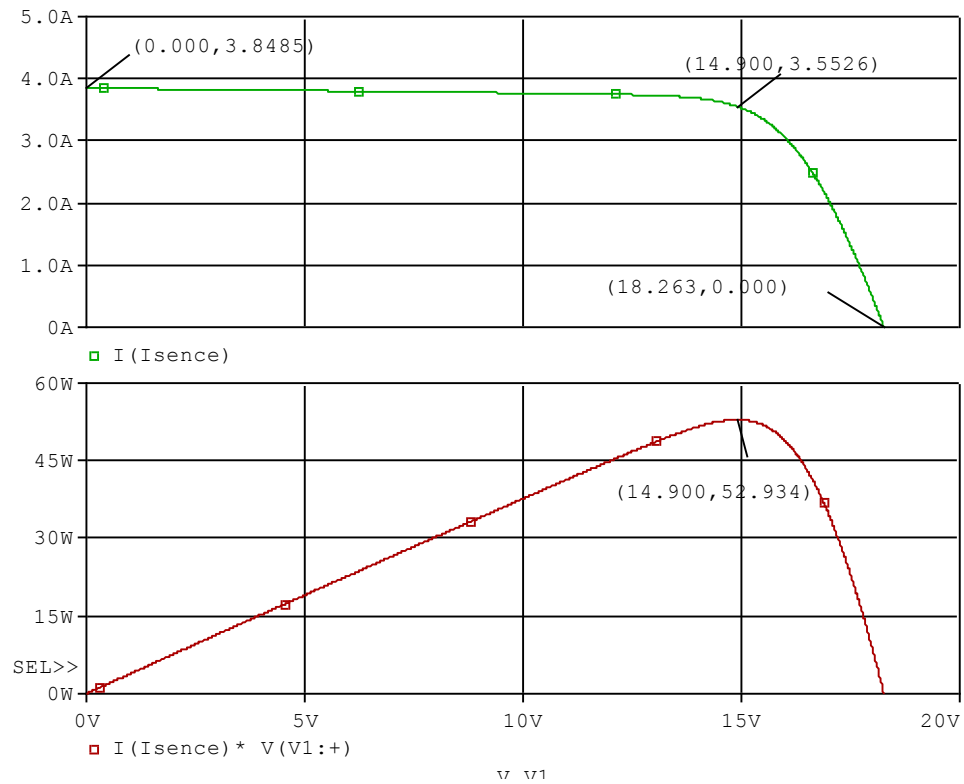
COMPONENTS: Solar Cell
PART NUMBER: EH53T-02
MUNUFACTURER: KYOCERA
REMARK: Pmax=53(W)



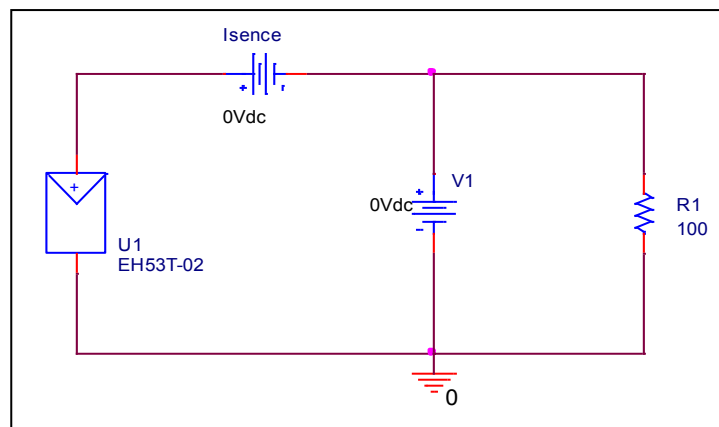
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



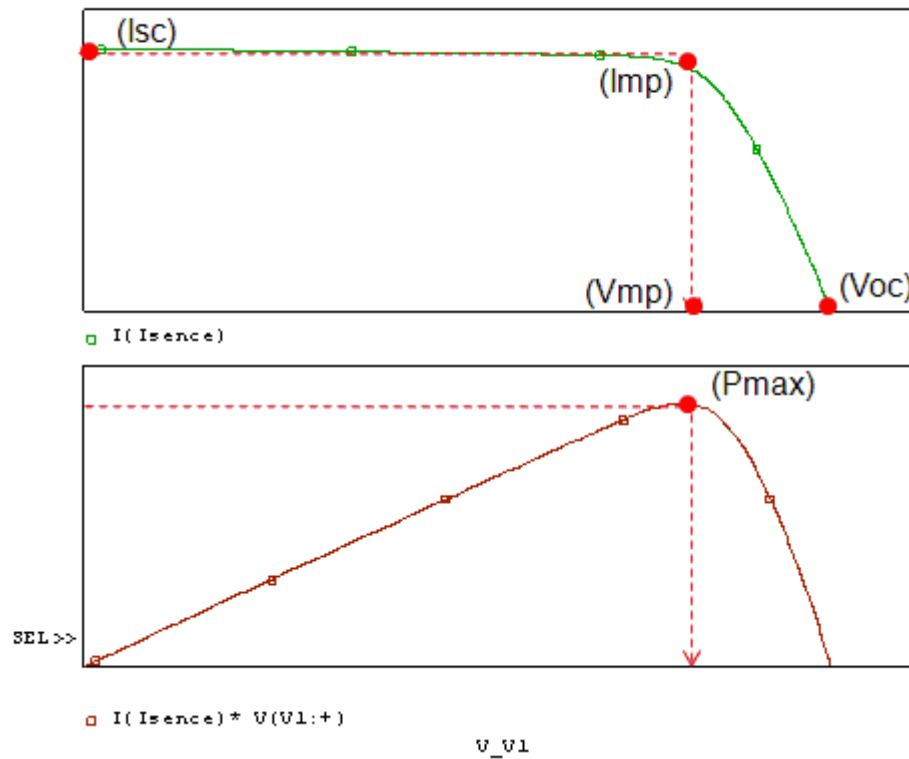
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	53.000	52.934	-0.125
Vmp	14.900	14.900	0.000
Imp	3.560	3.553	-0.208
Isc	3.850	3.849	-0.039
Voc	18.400	18.263	-0.745

Data Information

No. EH53T-02	
Maximum power(Pmax)	53(W)
Voltage at Pmax(Vmp)	14.9(V)
Current at Pmax(Imp)	3.56(A)
Short-circuit current(Isc)	3.85(A)
Open-circuit voltage(Voc)	18.4(V)