

Device Modeling Report

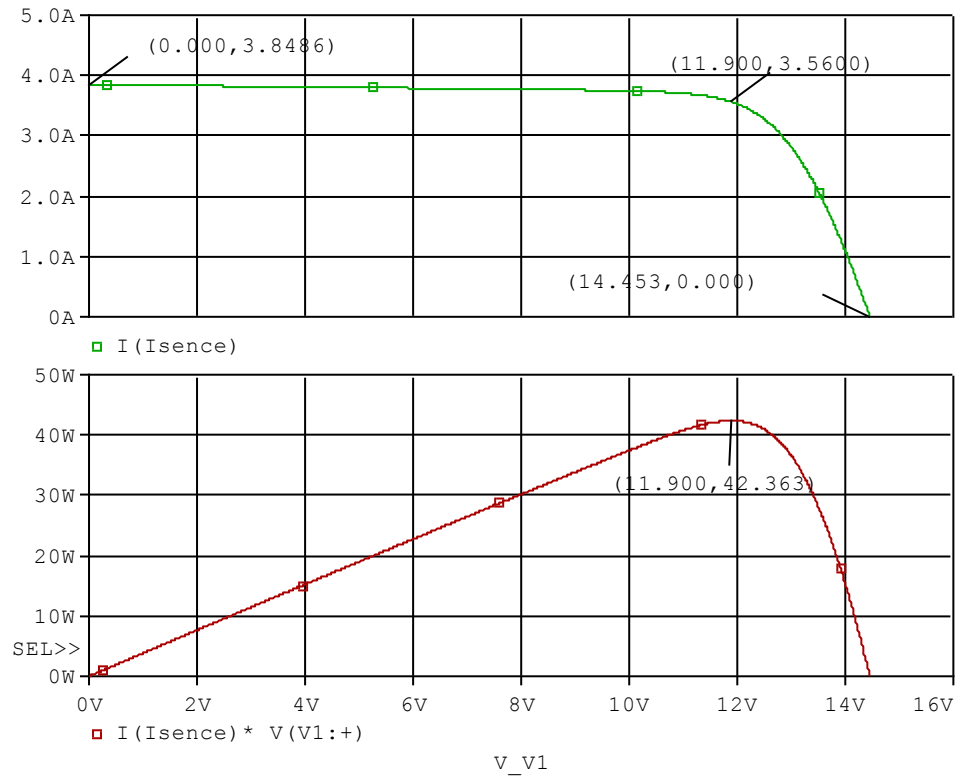
COMPONENTS: Solar Cell
PART NUMBER: EH42T-02
MUNUFACTURER: KYOCERA
REMARK: Pmax=42(W)



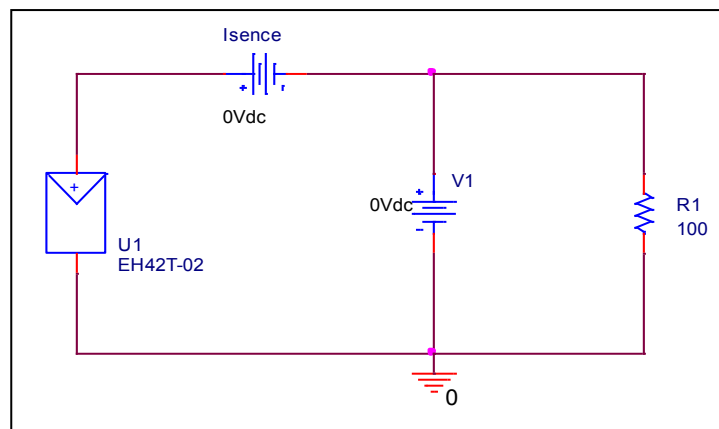
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



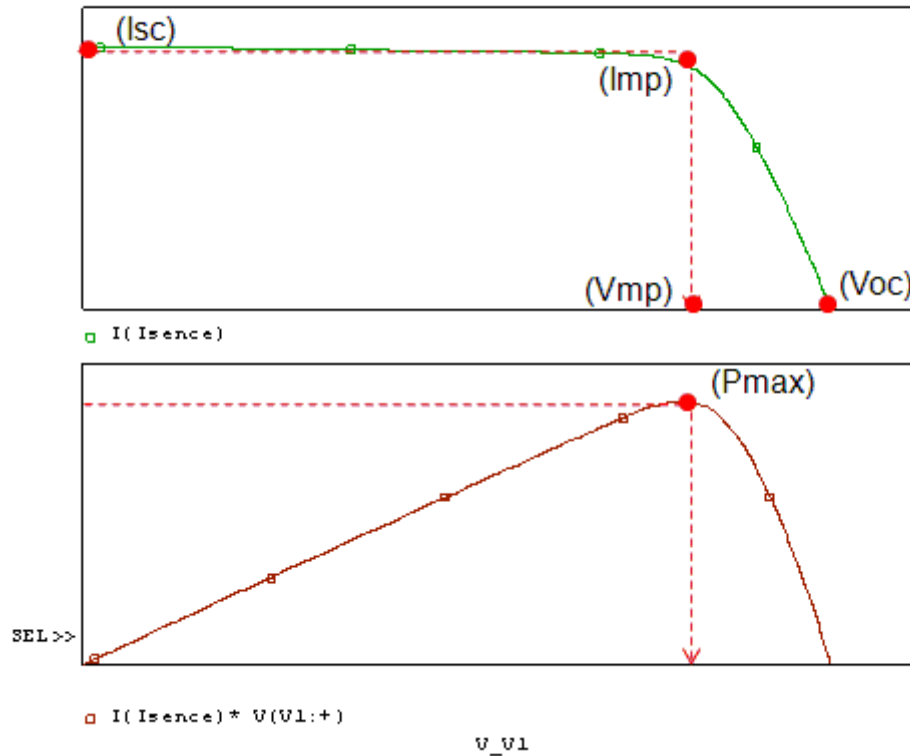
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	42.000	42.363	0.864
Vmp	11.900	11.900	0.000
Imp	3.560	3.560	0.000
Isc	3.850	3.849	-0.036
Voc	14.700	14.453	-1.680

Data Information

No. EH42T-02	
Maximum power(Pmax)	42(W)
Voltage at Pmax(Vmp)	11.9(V)
Current at Pmax(Imp)	3.56(A)
Short-circuit current(Isc)	3.85(A)
Open-circuit voltage(Voc)	14.7(V)