

Device Modeling Report

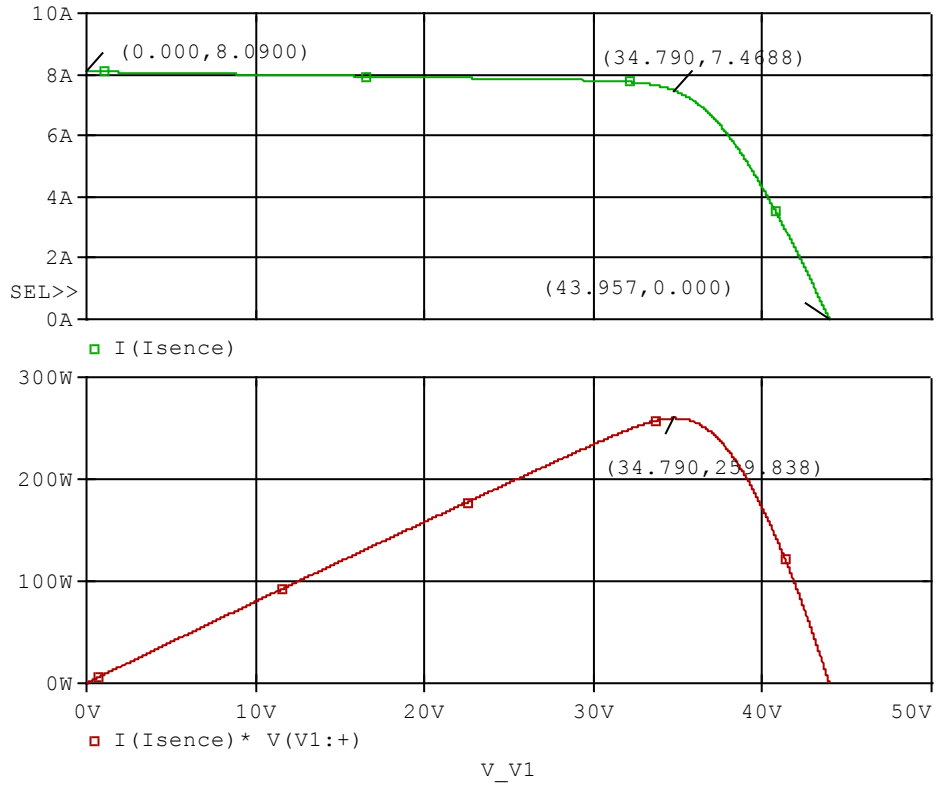
COMPONENTS: Solar Cell
PART NUMBER: STP260-24/Vd
MUNUFACTURER: Suntech Power
REMARK: Pmax=260(W)



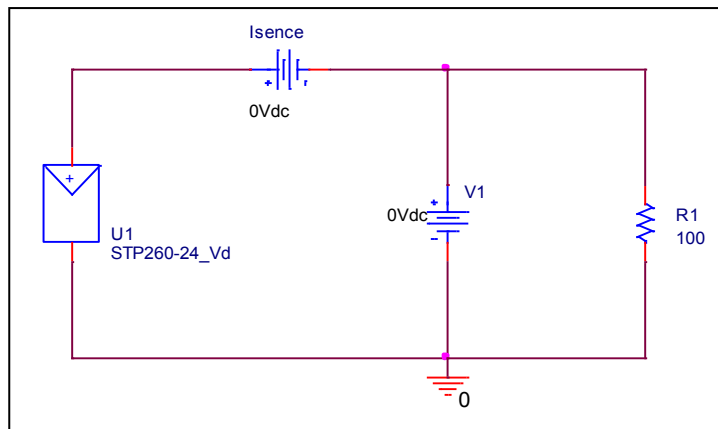
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



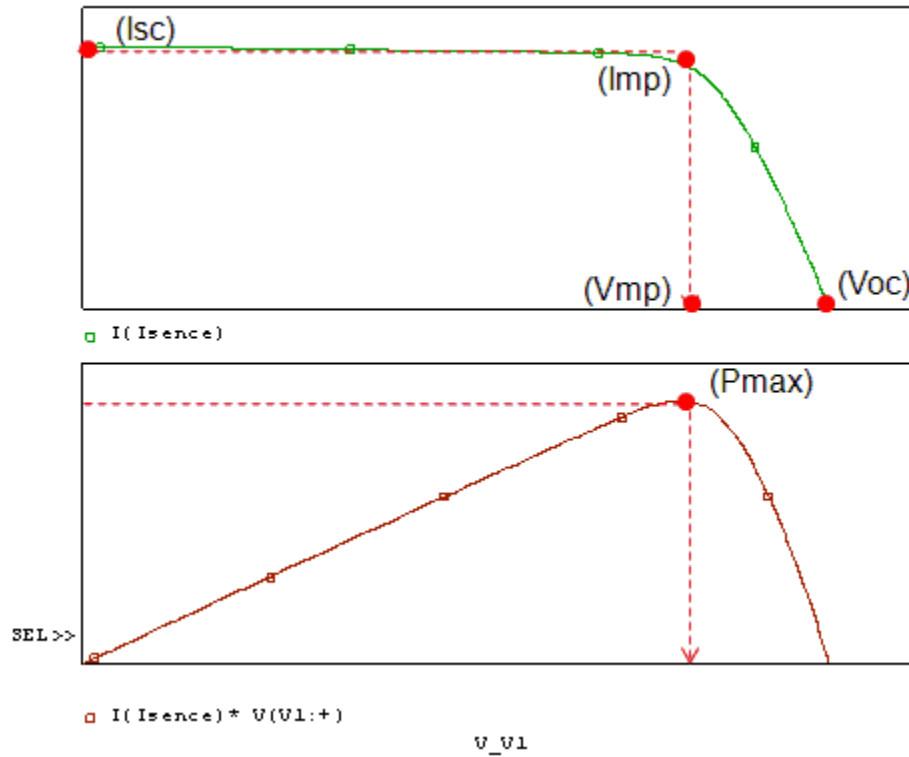
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	260.0000	259.8380	-0.062
Vmp	34.8000	34.7900	-0.029
Imp	7.4700	7.4688	-0.016
Voc	44.0000	43.9570	-0.098
Isc	8.0900	8.0900	0.000

Data Information

No.STP260-24/Vd	
Maximum output (Pmax)	260.000
Maximum power voltage (Vmp)	34.800
Maximum power current (Imp)	7.470
Open circuit voltage (Voc)	44.000
Short circuit current (Isc)	8.090