

Device Modeling Report

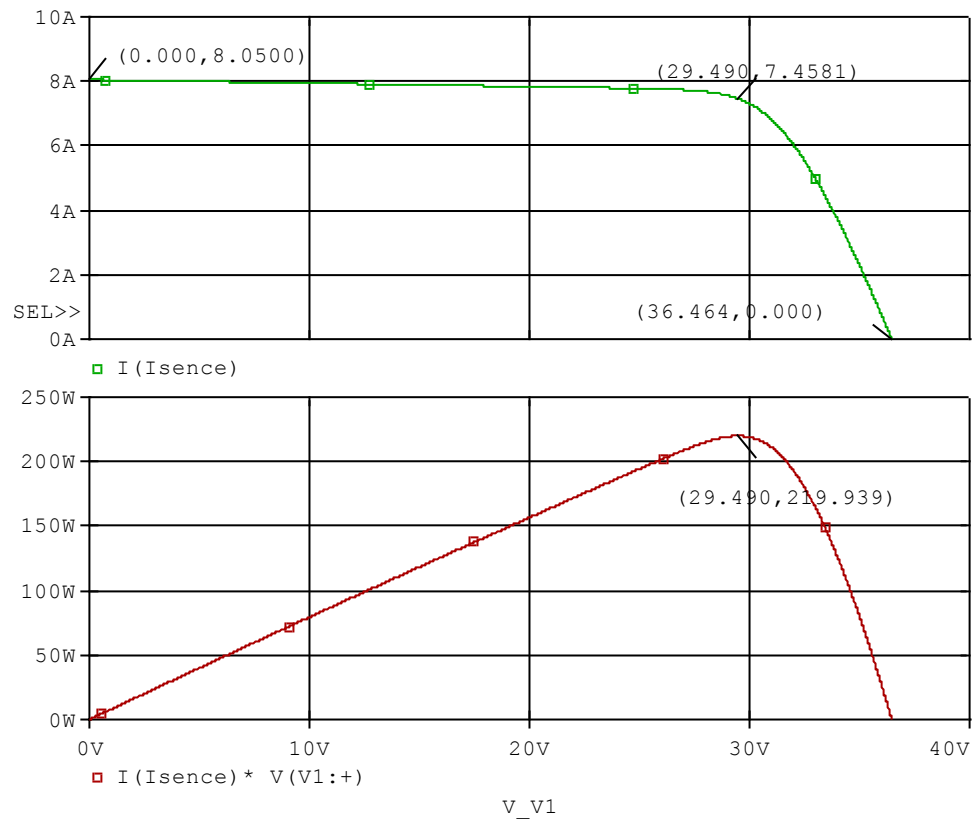
COMPONENTS: Solar Cell
PART NUMBER: STP220-20/Wd
MUNUFACTURER: Suntech Power
REMARK: Pmax=220(W)



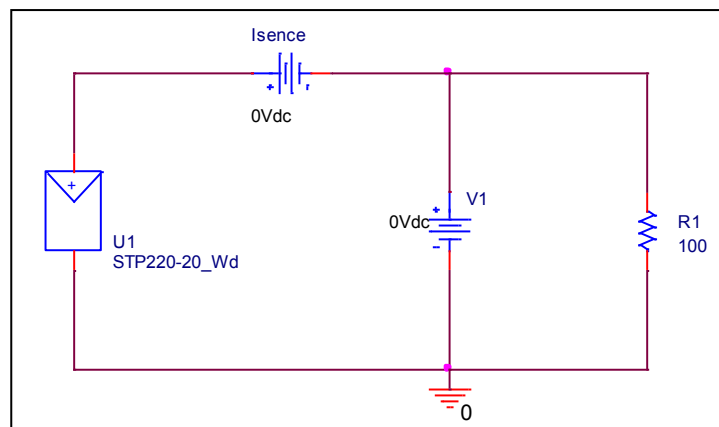
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



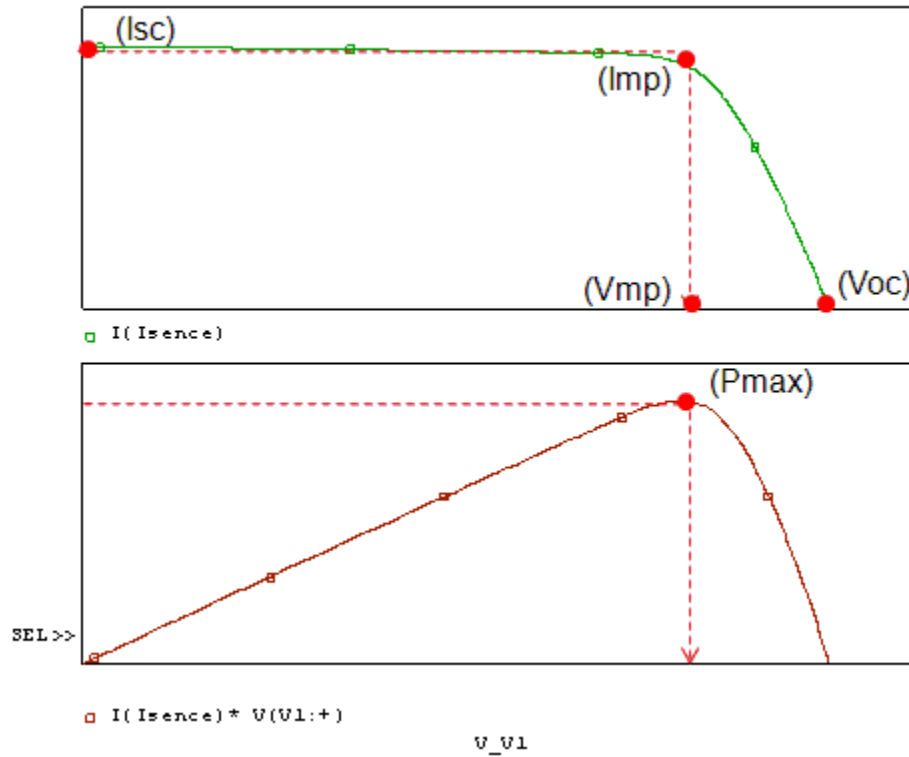
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	220.0000	219.9390	-0.028
Vmp	29.5000	29.4900	-0.034
Imp	7.4600	7.4581	-0.025
Voc	36.6000	36.4640	-0.372
Isc	8.0500	8.0500	0.000

Data Information

No.STP220-20/Wd	
Maximum output (Pmax)	220.0000
Maximum power voltage (Vmp)	29.5000
Maximum power current (Imp)	7.4600
Open circuit voltage (Voc)	36.6000
Short circuit current (Isc)	8.0500