

Device Modeling Report

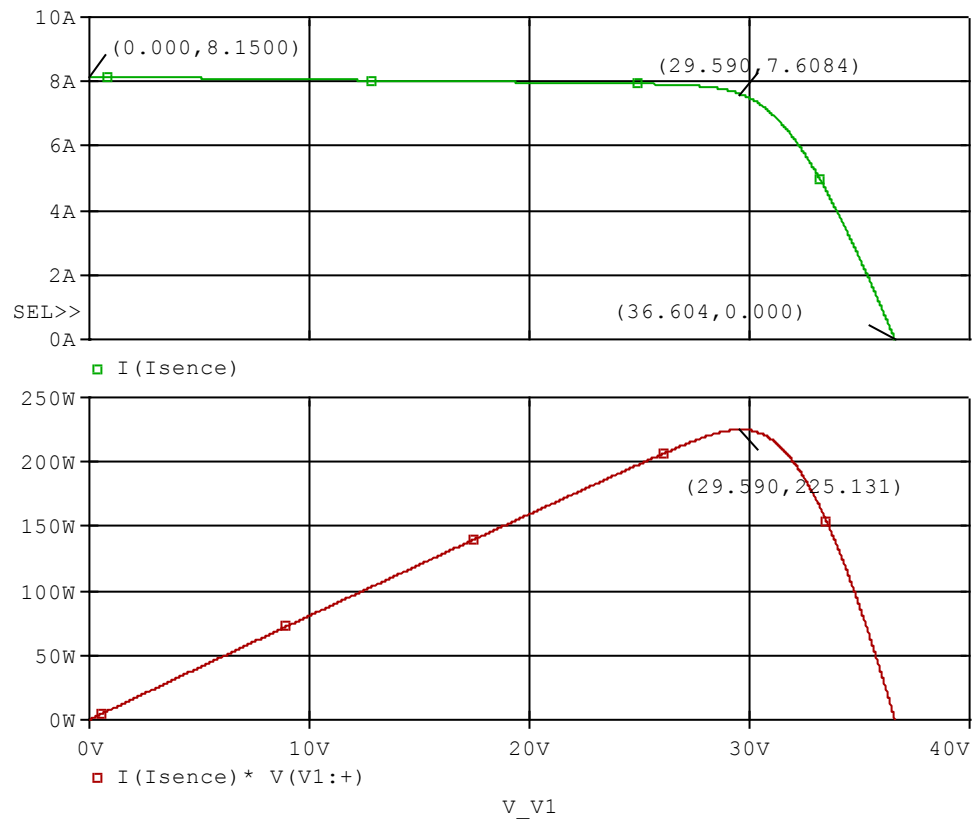
COMPONENTS: Solar Cell
PART NUMBER: STP225-20/Wd
MUNUFACTURER: Suntech Power
REMARK: Pmax=225(W)



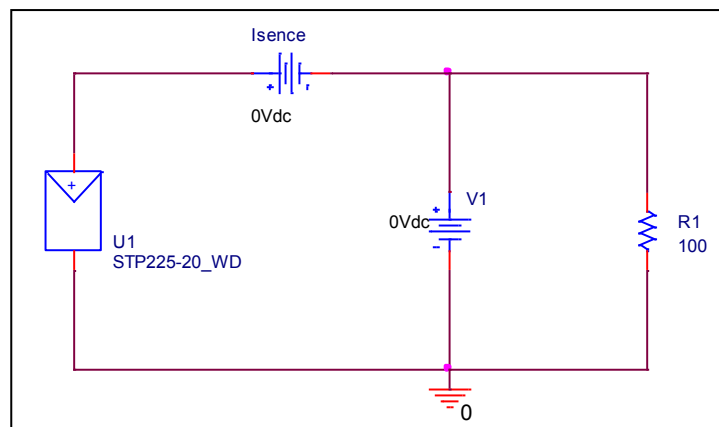
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



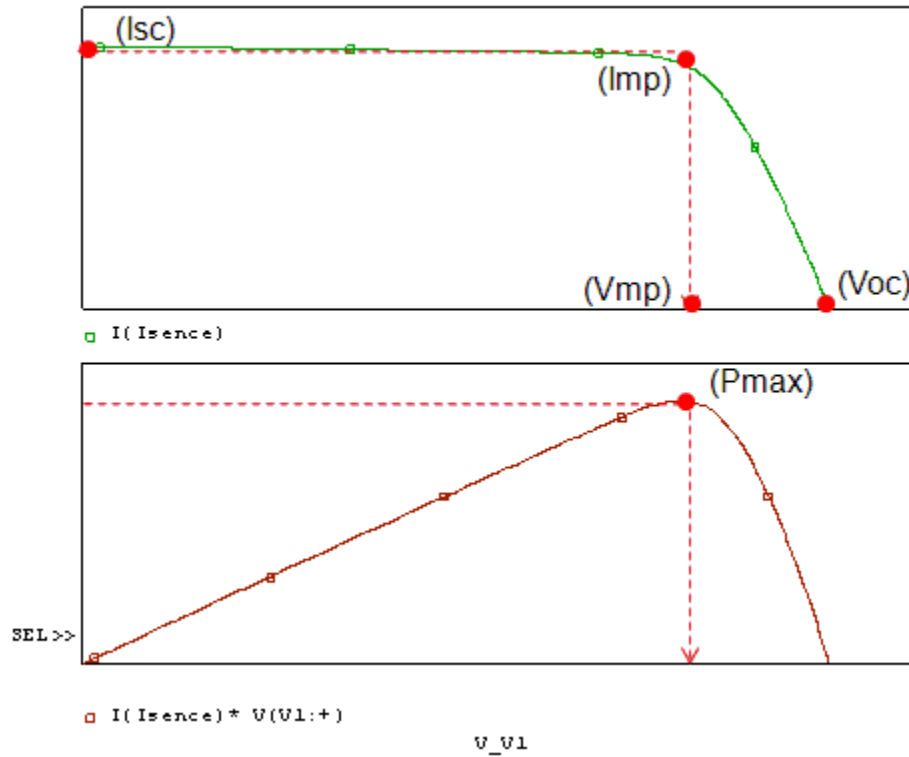
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	225.0000	225.1310	0.058
Vmp	29.6000	29.5900	-0.034
Imp	7.6100	7.6084	-0.021
Voc	36.7000	36.6040	-0.262
Isc	8.1500	8.1500	0.000

Data Information

No.STP225-20/Wd	
Maximum output (Pmax)	225.0000
Maximum power voltage (Vmp)	29.6000
Maximum power current (Imp)	7.6100
Open circuit voltage (Voc)	36.7000
Short circuit current (Isc)	8.1500