

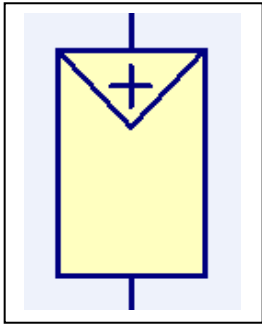
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: STP080S-12_Bb-1
MUNUFACTURER: Suntech Power
REMARK:Pmax= 80(W)
REPORT of SolarCells (LTspice IV)



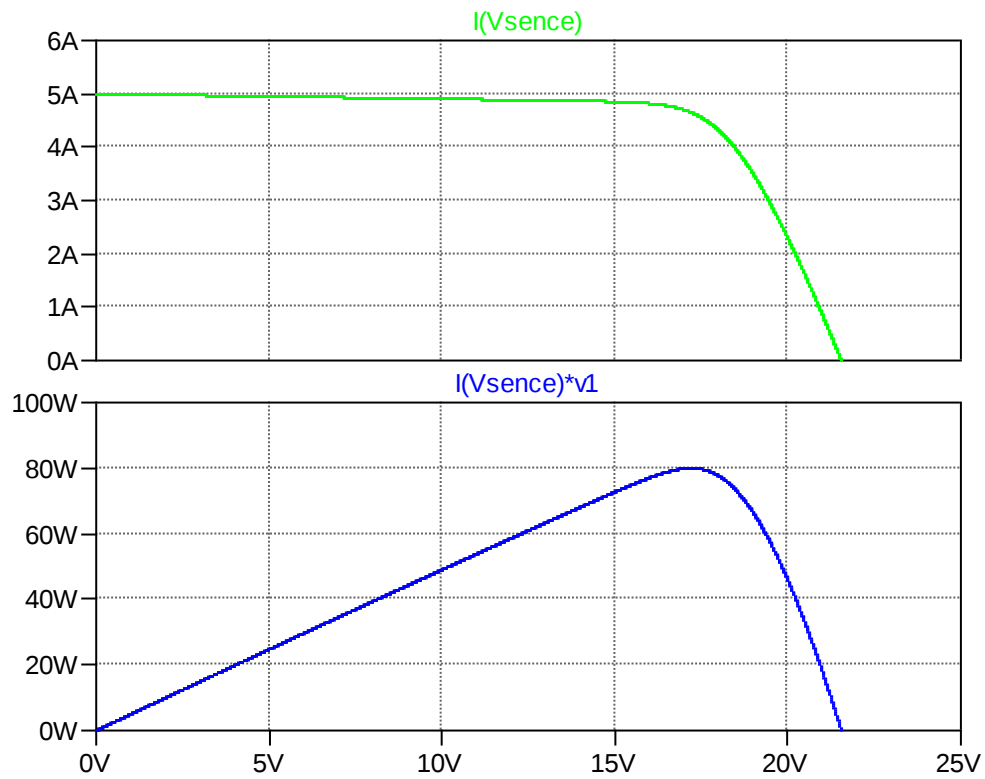
Bee Technologies Inc.

Circuit Configuration

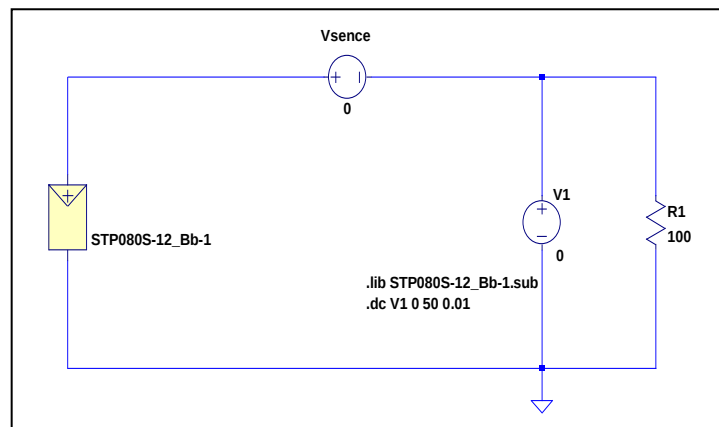


Output Characteristic

Circuit Simulation Result



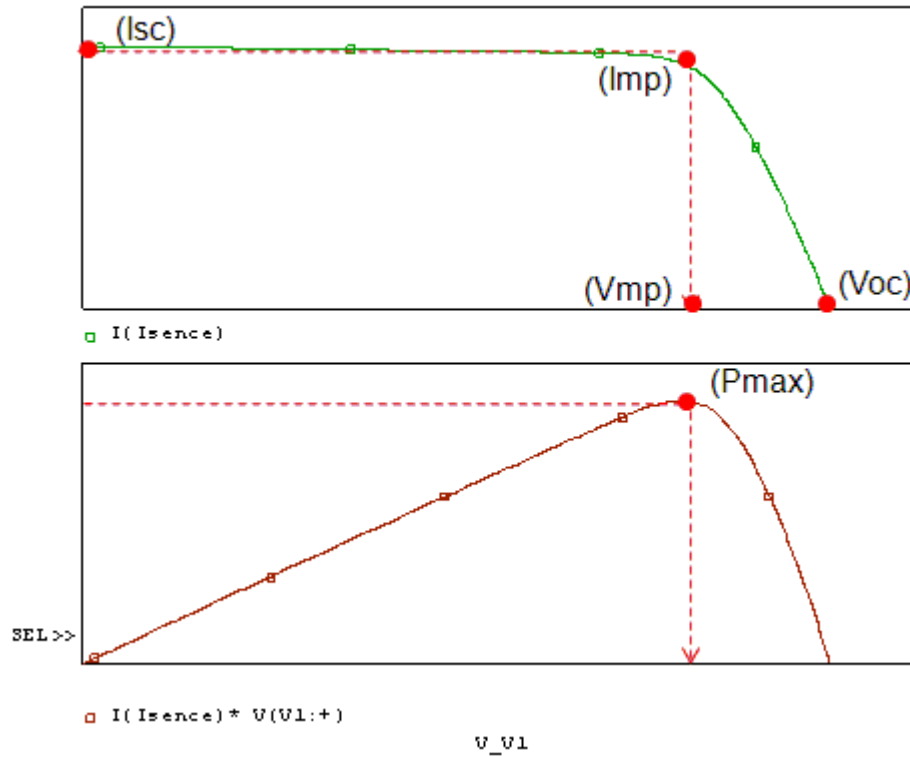
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	80.0000	79.9250	-0.094
Vmp	17.2000	17.1900	-0.058
Imp	4.6500	4.6495	-0.011
Voc	21.6000	21.5300	-0.324
Isc	5.0000	4.9984	-0.032

Data Information

No.STP080S-12_Bb-1	
Maximum output (Pmax)	80.000
Maximum power voltage (Vmp)	17.200
Maximum power current (Imp)	4.650
Open circuit voltage (Voc)	21.600
Short circuit current (Isc)	5.000