

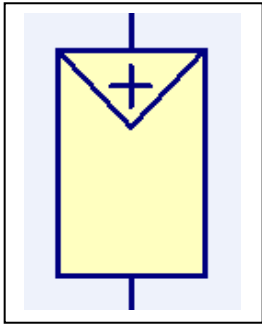
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: STP065D-12SEA
MUNUFACTURER: Suntech Power
REMARK:Pmax= 65(W)
REPORT of SolarCells (LTspice IV)



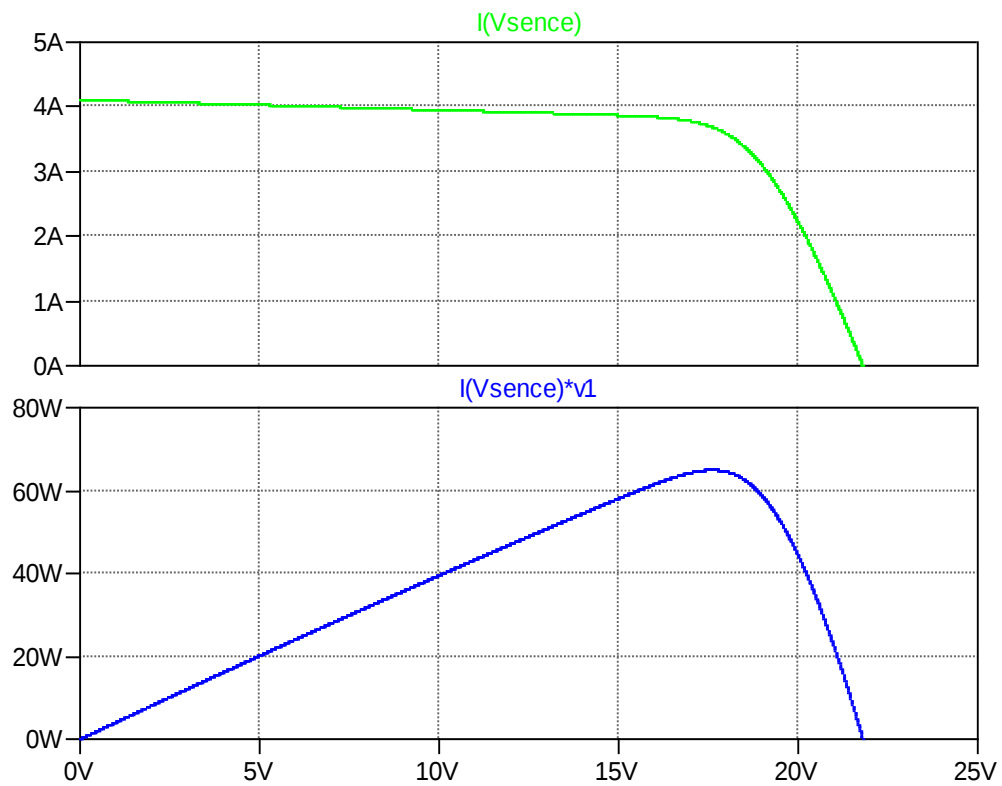
Bee Technologies Inc.

Circuit Configuration

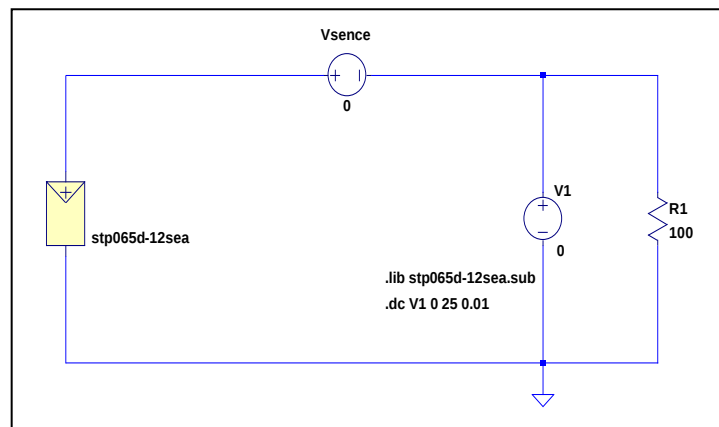


Output Characteristic

Circuit Simulation Result



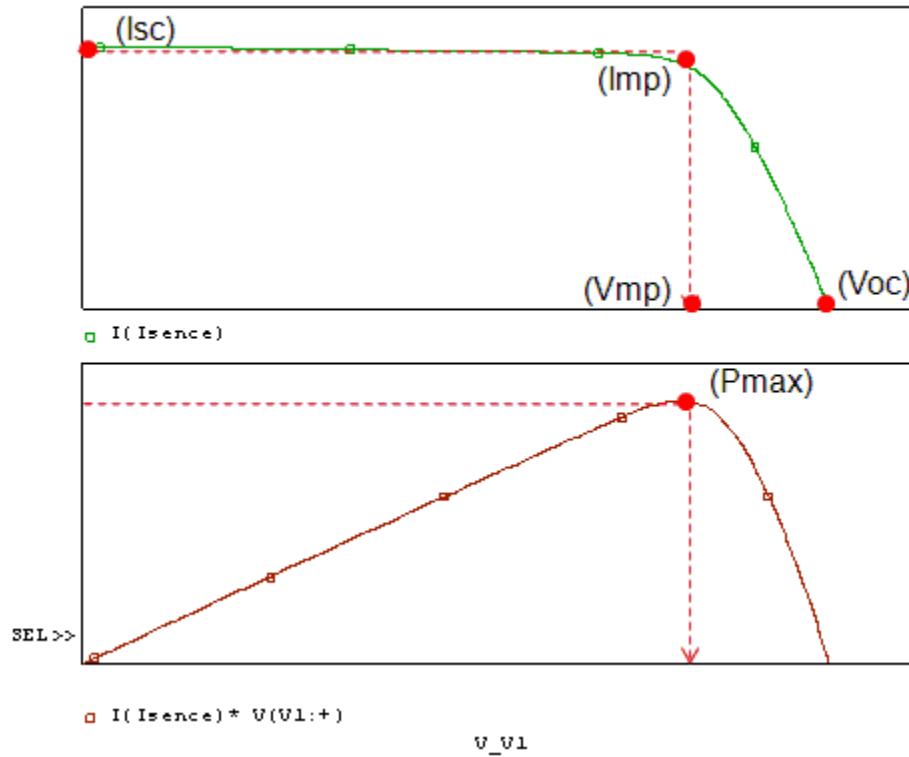
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	65.000	64.899	-0.155
Vmp	17.600	17.590	-0.057
Imp	3.690	3.690	-0.014
Voc	21.800	21.790	-0.046
Isc	4.110	4.110	0.000

Data Information

No.STP065D-12/SEA	
Maximum output (Pmax)	65.000
Maximum power voltage (Vmp)	17.600
Maximum power current (Imp)	3.690
Open circuit voltage (Voc)	21.800
Short circuit current (Isc)	4.110