

Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: BP 365TS
MUNUFACTURER: bp Solar
REMARK:Pmax=65(W)
REPORT of Solar Cells (LTspice IV)



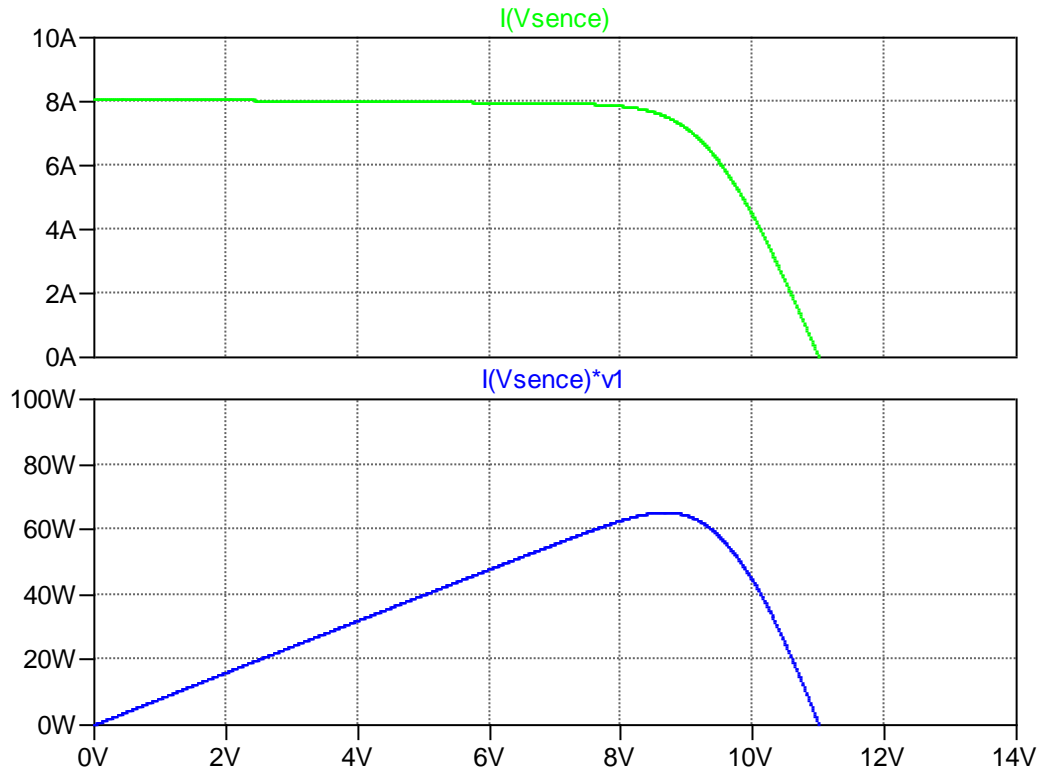
Bee Technologies Inc.

Circuit Configuration

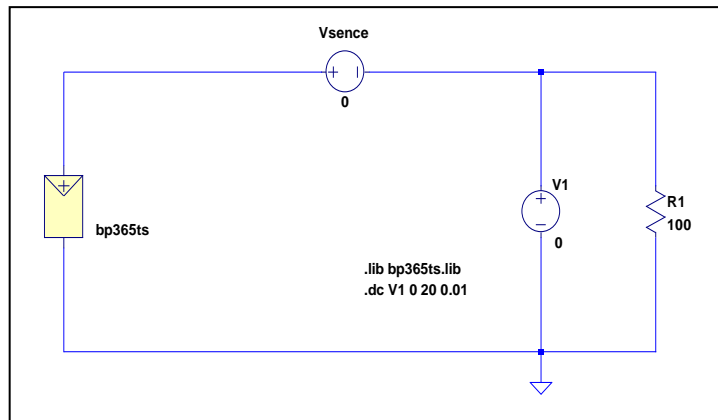


Output Characteristic

Circuit Simulation Result



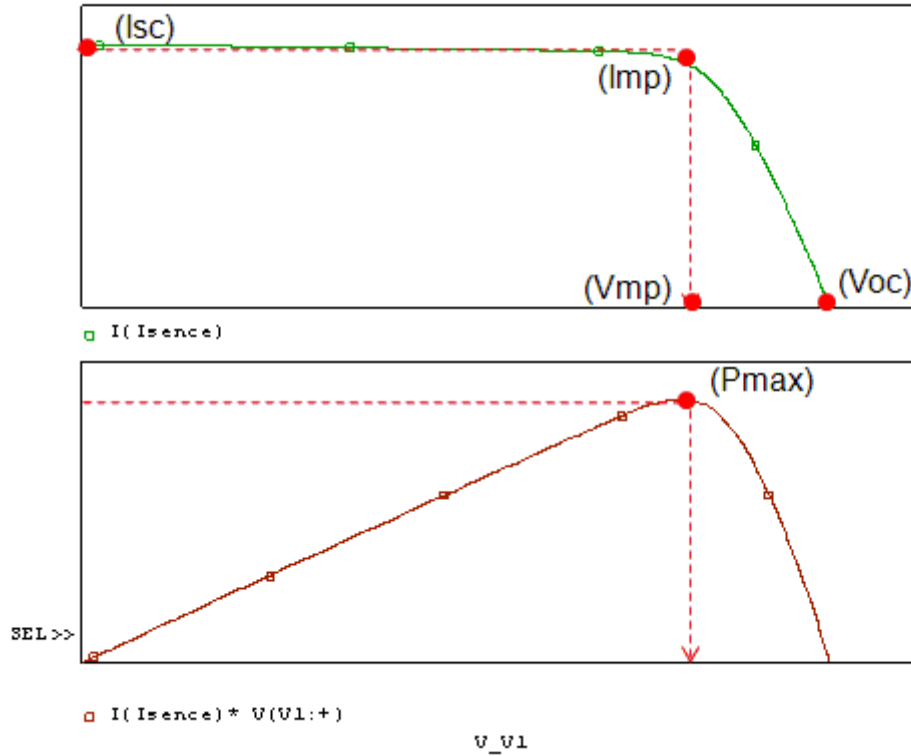
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Isc	8.1000	8.0771	-0.283
Voc	11.0000	10.9900	-0.091
Imp	7.5000	7.5001	0.001
Vmp	8.7000	8.7000	0.000
Pmax(Imp*Vmp)	65.2500	65.2500	0.000

Data Information

No. BP 365TS	
Maximum power (Pmax) ³	65W
Voltage at Pmax (Vmp)	8.7V
Current at Pmax (Imp)	7.5A
Short-circuit current (Isc)	8.1A
Open-circuit voltage (Voc)	11.0V