

Device Modeling Report

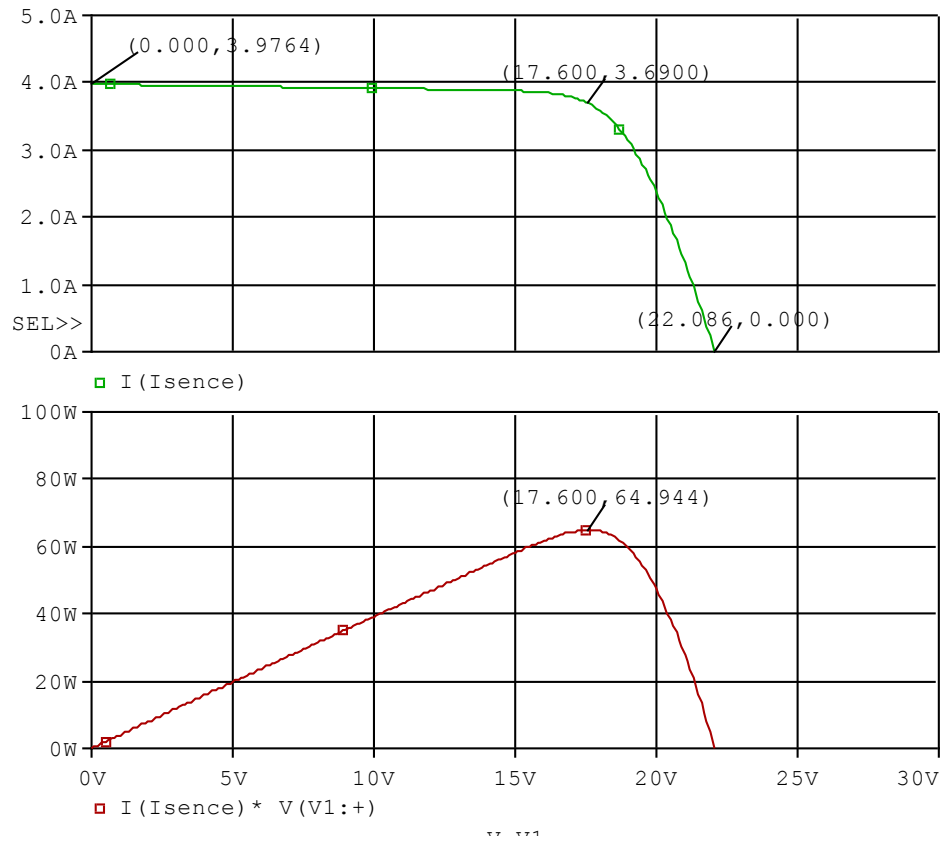
COMPONENTS: Solar Cell
PART NUMBER: BP 365
MANUFACTURER: bp Solar
REMARK: Rated power (P_{max}) 65W



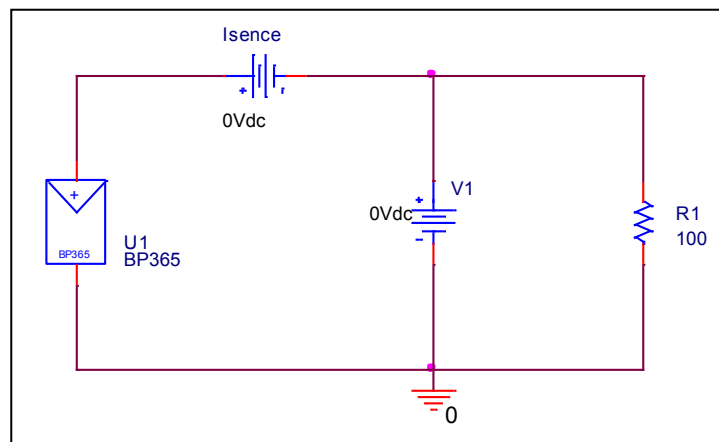
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



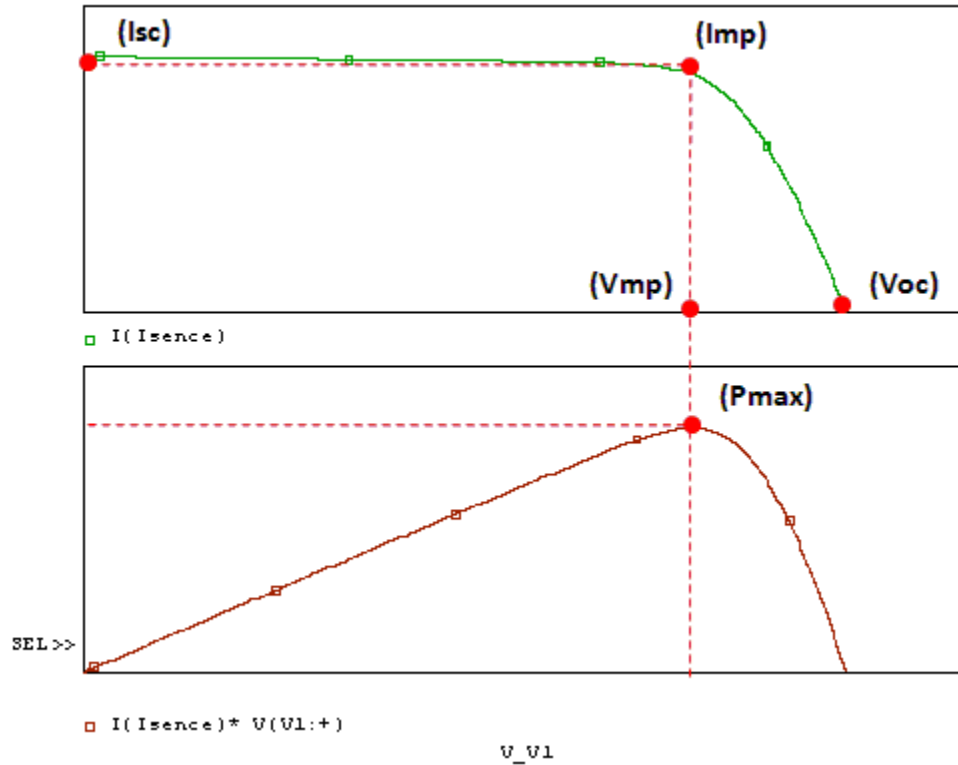
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Isc	3.9900	3.9764	-0.341
Voc	22.1000	22.0860	-0.063
Imp	3.6900	3.6900	0.000
Vmp	17.6000	17.6000	0.000
Pmax(Imp*Vmp)	64.9440	64.9440	0.000

Data Information

No. BP 365	
Maximum power (Pmax)³	65W
Voltage at Pmax (Vmp)	17.6V
Current at Pmax (Imp)	3.69A
Short-circuit current (Isc)	3.99A
Open-circuit voltage (Voc)	22.1V