

Device Modeling Report

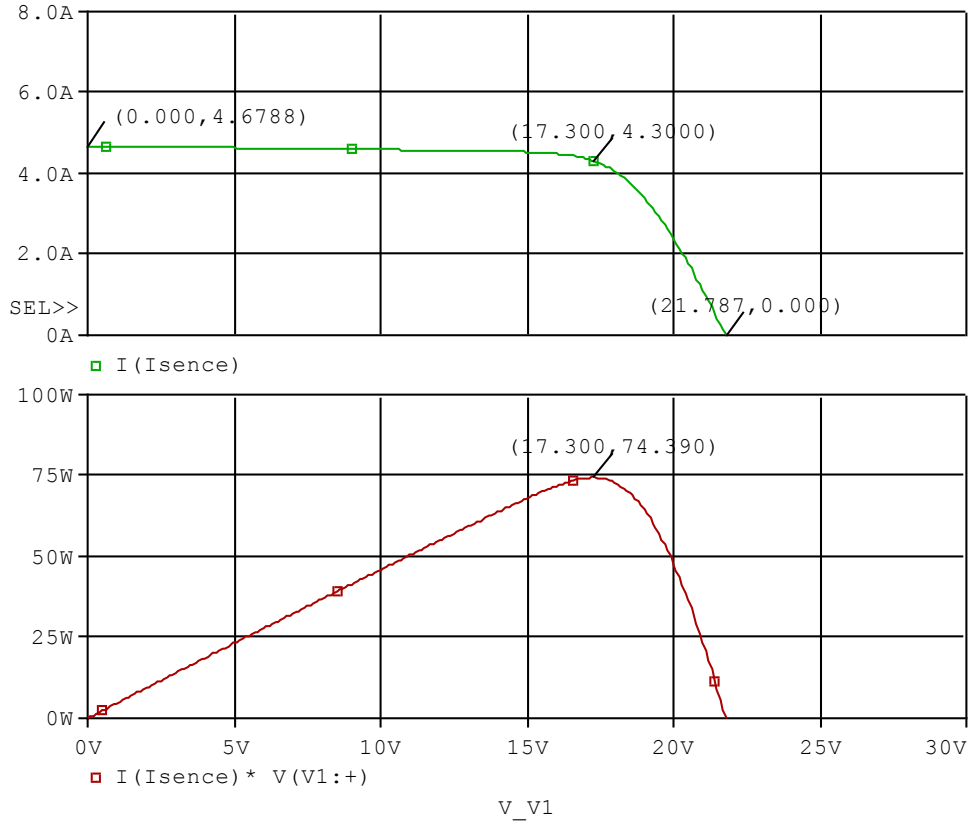
COMPONENTS: Solar Cell
PART NUMBER: BP 375
MANUFACTURER: bp Solar
REMARK: Rated power (Pmax) 75W



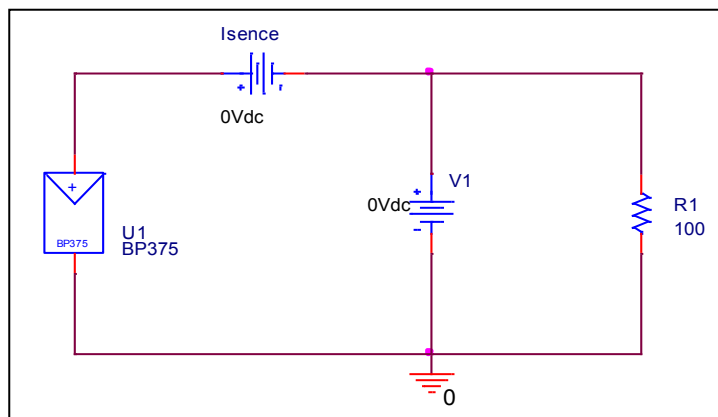
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



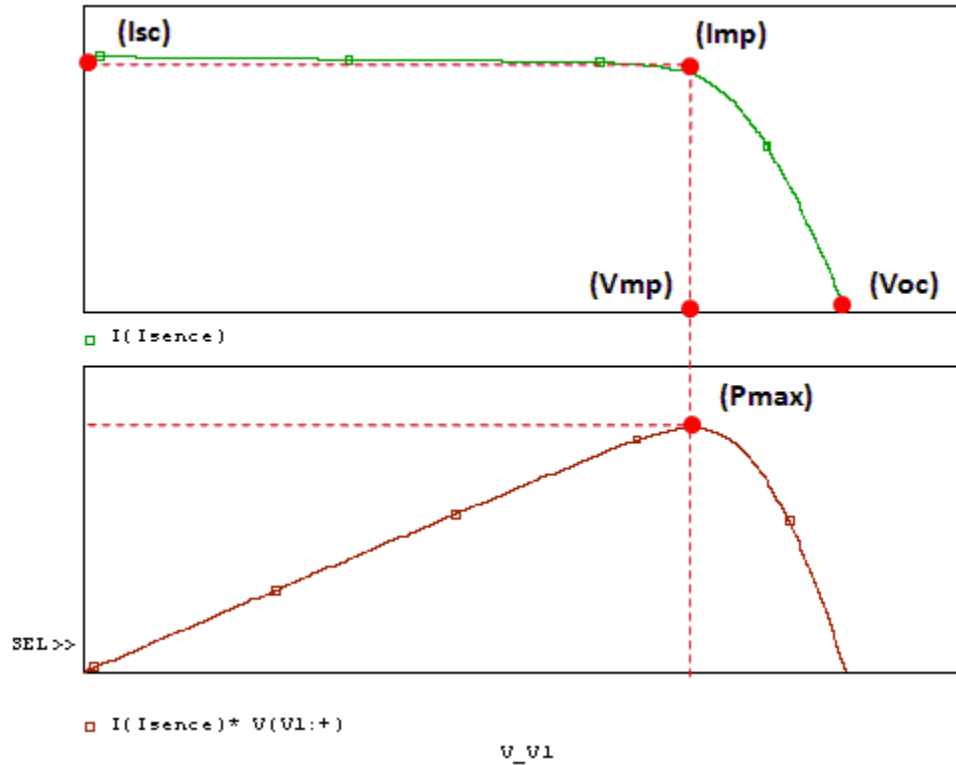
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Isc	4.7000	4.6788	-0.451
Voc	21.8000	21.7870	-0.060
Imp	4.3000	4.3000	0.000
Vmp	17.3000	17.3000	0.000
Pmax(Imp*Vmp)	74.3900	74.3900	0.000

Data Information

No. BP 375	
Maximum power (Pmax)³	75W
Voltage at Pmax (Vmp)	17.3V
Current at Pmax (Imp)	4.3A
Short-circuit current (Isc)	4.7A
Open-circuit voltage (Voc)	21.8V