

Device Modeling Report

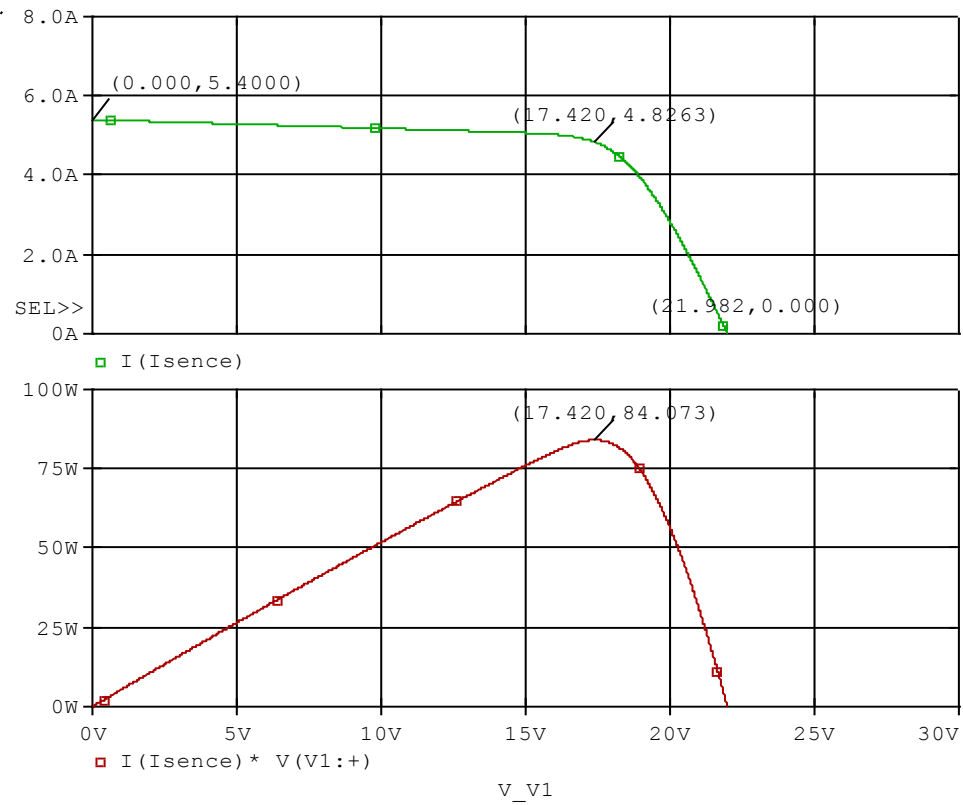
COMPONENTS: Solar Cell
PART NUMBER: NT-84L5H
MANUFACTURER: SHARP
REMARK: $P_{max}=84(W)$



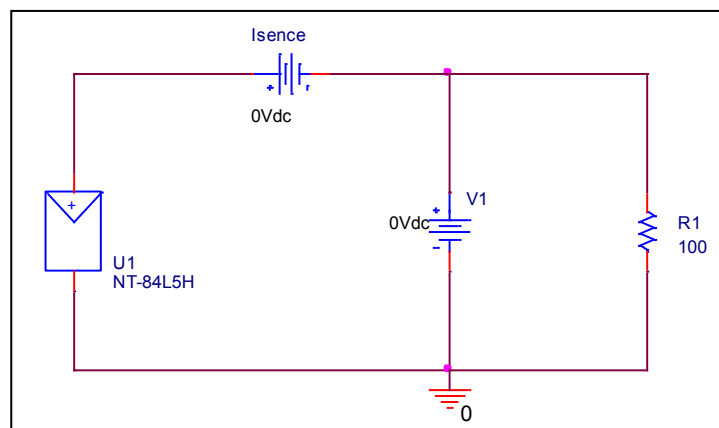
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



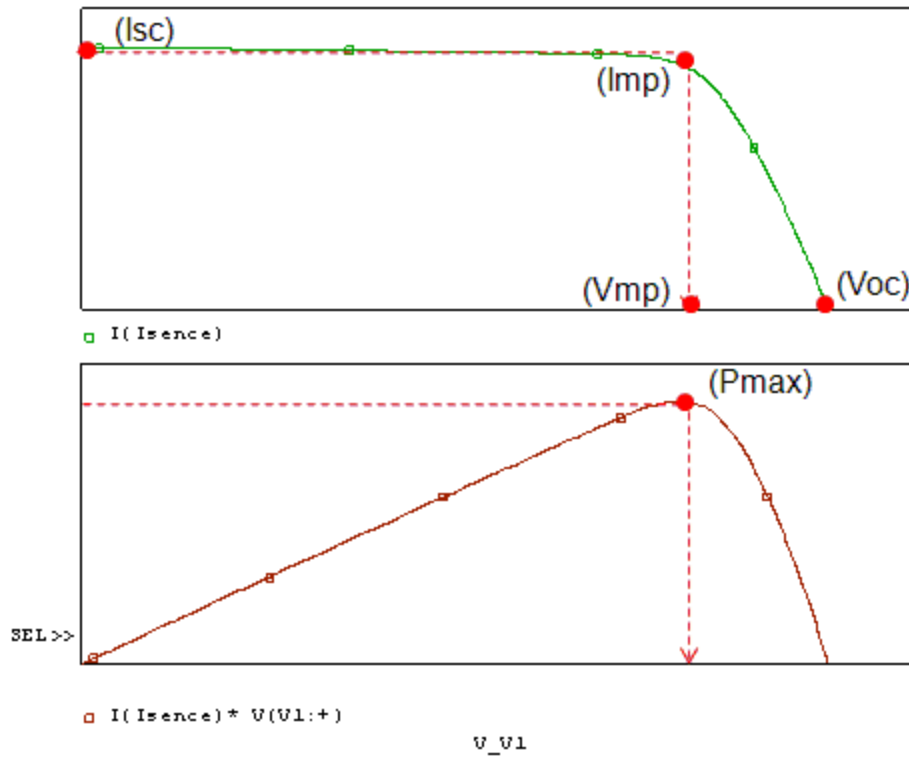
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol		Measurement	Simulation	%Error
Pmax	W	84.000	84.073	0.087
Vmp	V	17.420	17.420	0.000
Imp	A	4.830	4.826	-0.077
Voc	V	22.000	21.982	-0.082
Isc	A	5.400	5.400	0.000

Data Information

No. NT-84L5H	
Maximum output (Pmax)	84W
Maximum power voltage (Vmp)	17.42V
Maximum power current (Imp)	4.83A
Open circuit voltage (Voc)	22.0V
Short circuit current (Isc)	5.40A