

Device Modeling Report

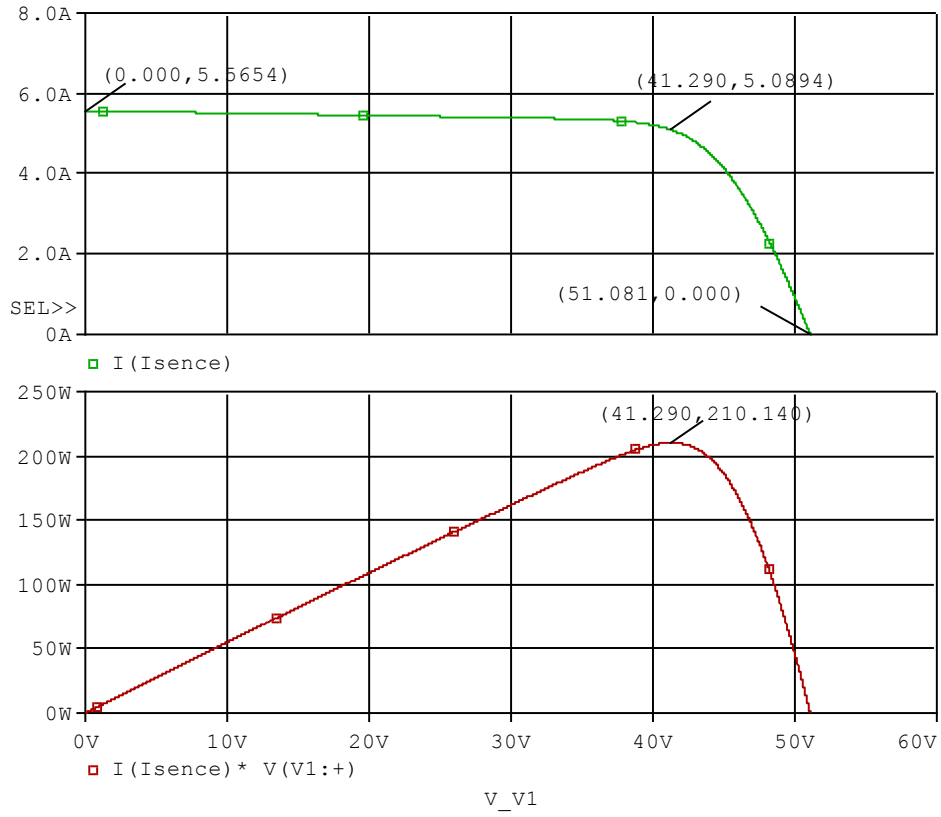
COMPONENTS: Solar Cell
PART NUMBER: HIP-210NKH5
MUNUFACTURER: SANYO
REMARK: Pmax=210(W)



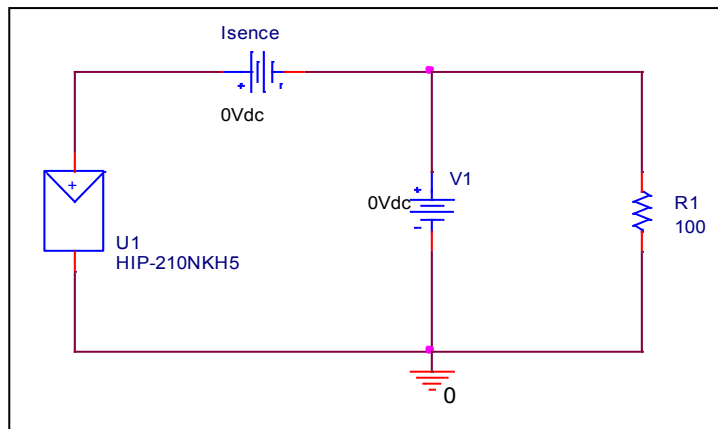
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



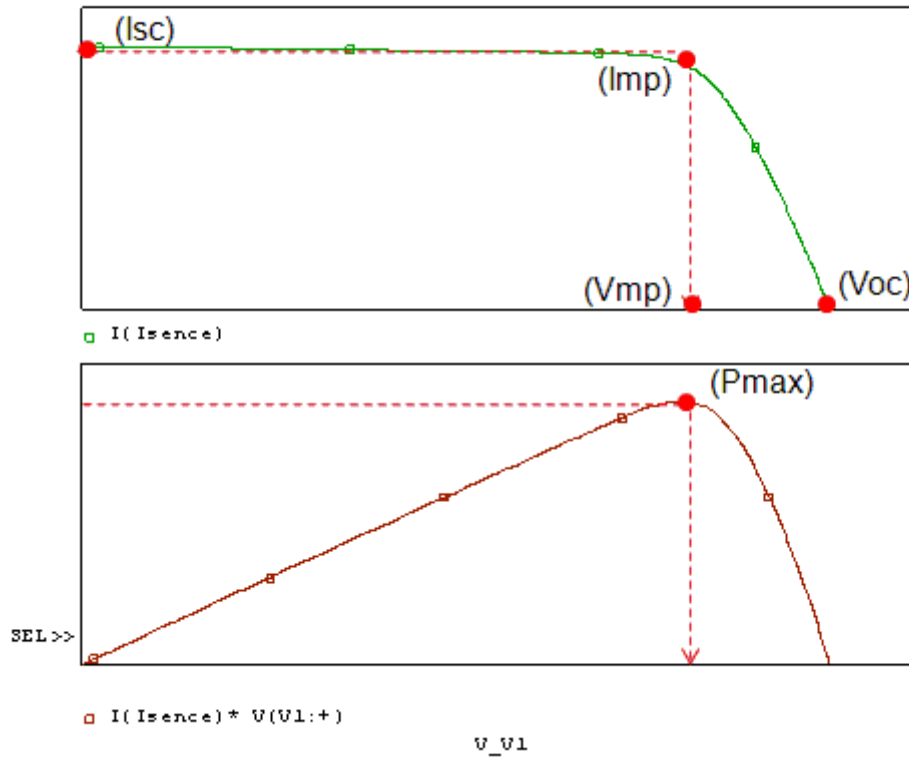
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	210.0000	210.1400	0.0667
Vmp	41.3000	41.2900	-0.0242
Imp	5.0900	5.0894	-0.0118
Isc	5.5700	5.5654	-0.0826
Voc	50.9000	51.0810	0.3556

Data Information

No. HIP-210NKH5	
Maximum power(Pmax)	210.0000
Voltage at Pmax(Vmp)	41.3000
Current at Pmax(Imp)	5.0900
Short-circuit current(Isc)	5.5700
Open-circuit voltage(Voc)	50.9000