

Device Modeling Report

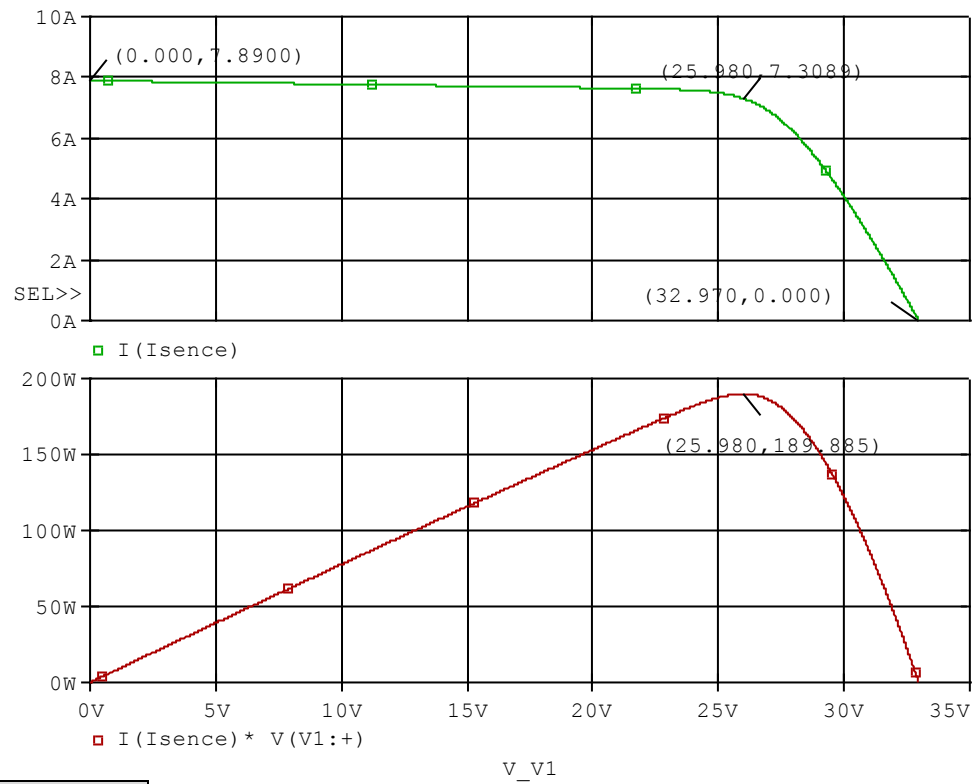
COMPONENTS: Solar Cell
PART NUMBER: STP190-18/Ud
MUNUFACTURER: Suntech Power
REMARK: Pmax=190(W)



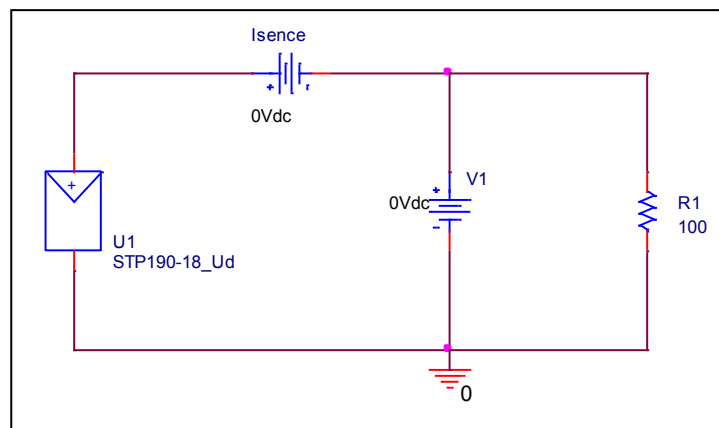
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



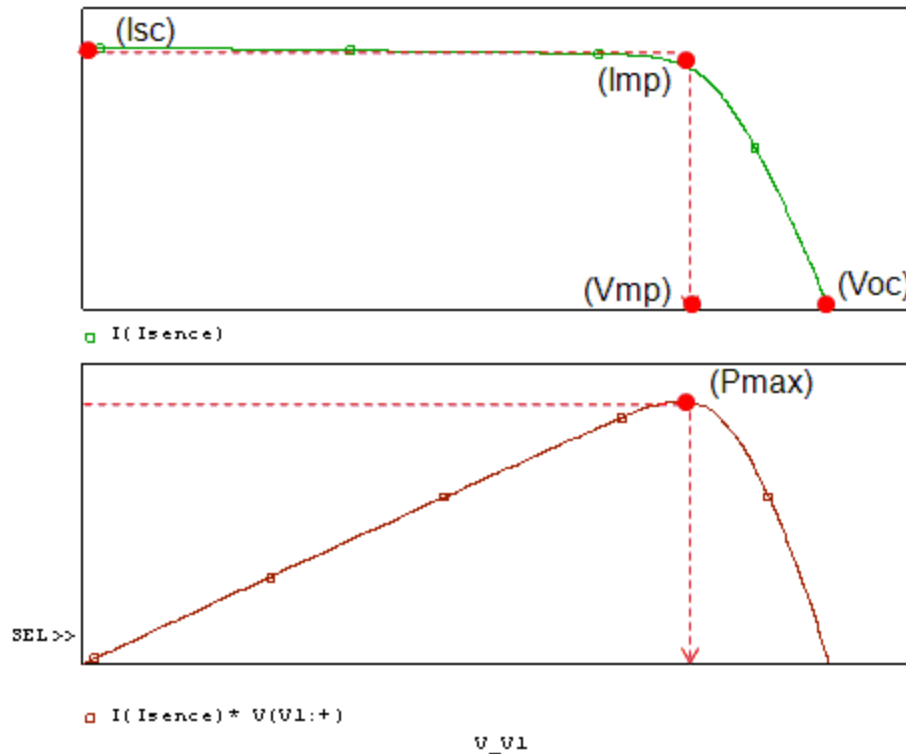
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	190.0000	189.8850	-0.061
Vmp	26.0000	25.9800	-0.077
Imp	7.3100	7.3089	-0.015
Voc	33.0000	32.9700	-0.091
Isc	7.8900	7.8900	0.000

Data Information

No.STP190-18/Ud	
Maximum output (Pmax)	190.0000
Maximum power voltage (Vmp)	26.0000
Maximum power current (Imp)	7.3100
Open circuit voltage (Voc)	33.0000
Short circuit current (Isc)	7.8900