

Device Modeling Report

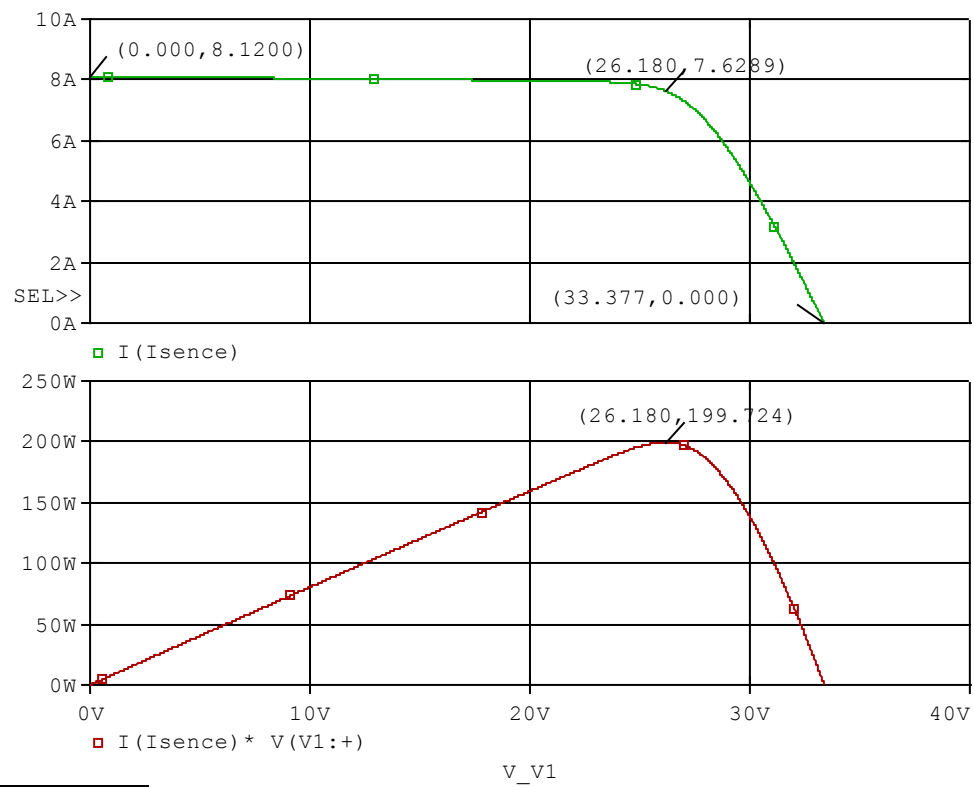
COMPONENTS: Solar Cell
PART NUMBER: STP200-18/Ub-1
MUNUFACTURER: Suntech Power
REMARK: Pmax=200(W)



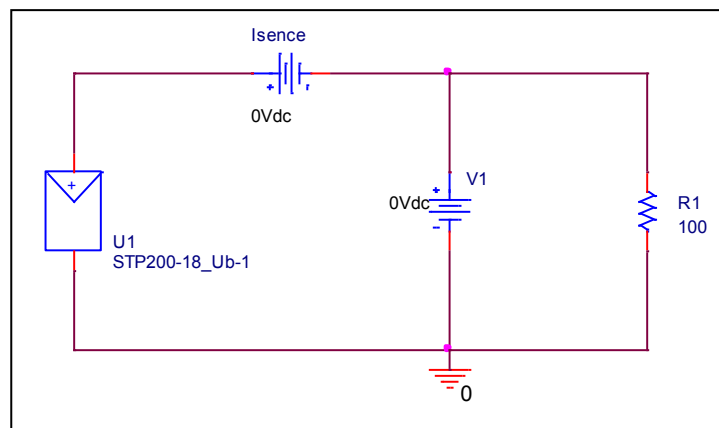
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



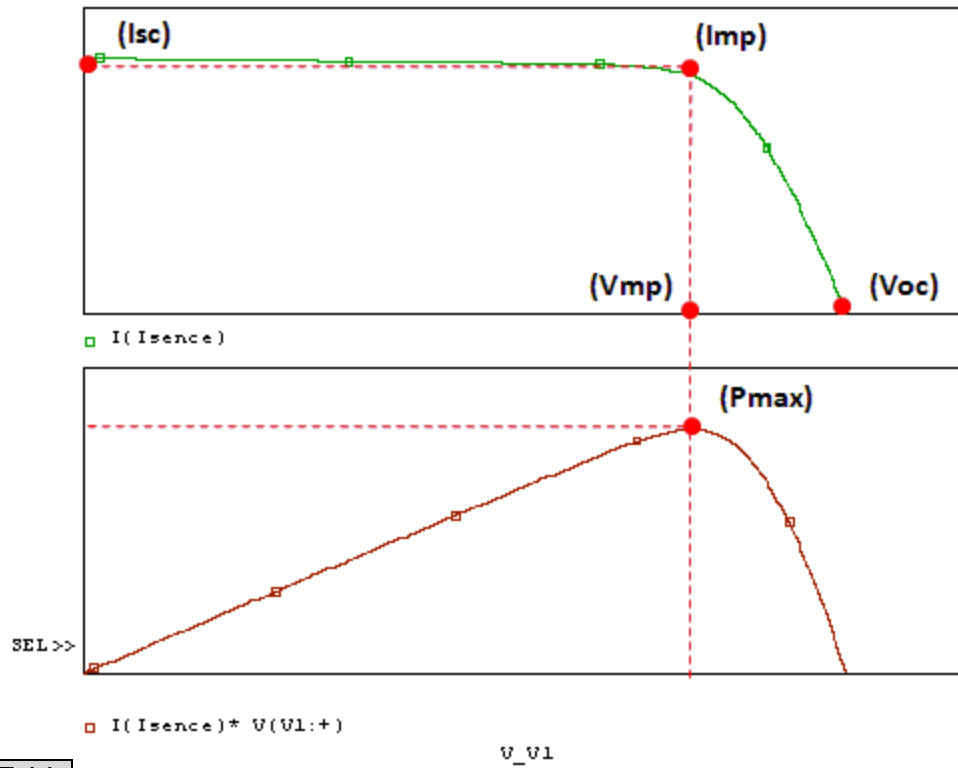
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	200.0000	199.7240	-0.138
Vmp	26.2000	26.1800	-0.076
Imp	7.6300	7.6289	-0.014
Voc	33.4000	33.3770	-0.069
Isc	8.1200	8.1200	0.000

Data Information

No.STP200-18/Ub-1	
Maximum output (Pmax)	200.0000
Maximum power voltage (Vmp)	26.2000
Maximum power current (Imp)	7.6300
Open circuit voltage (Voc)	33.4000
Short circuit current (Isc)	8.1200