

Device Modeling Report

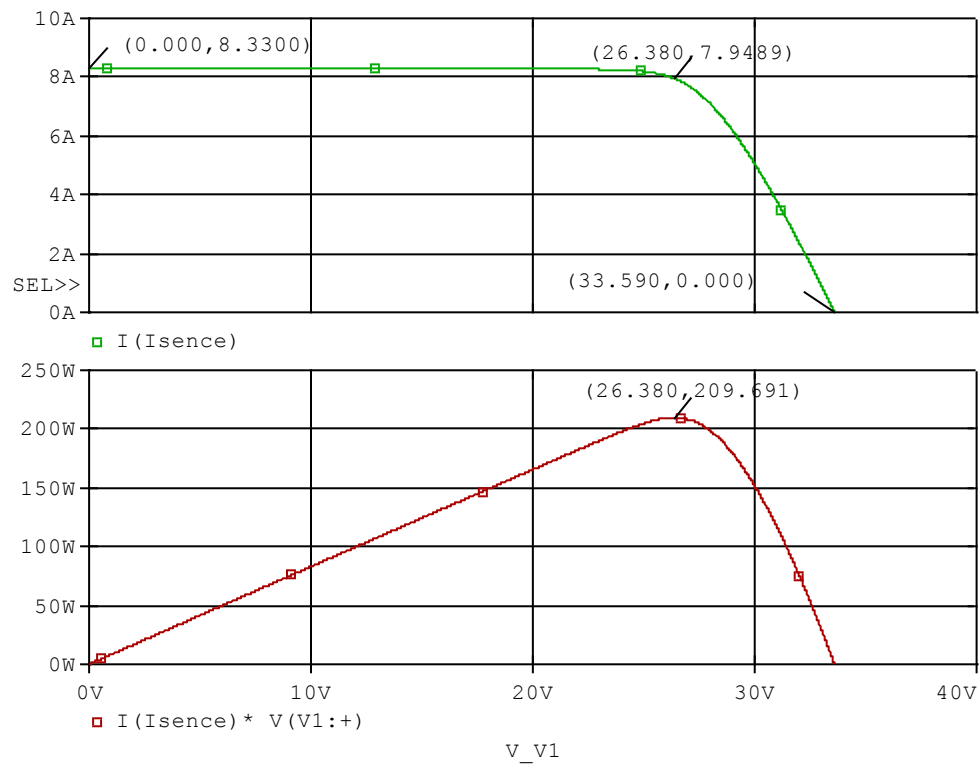
COMPONENTS: Solar Cell
PART NUMBER: STP210-18/Ub-1
MUNUFACTURER: Suntech Power
REMARK: Pmax=210(W)



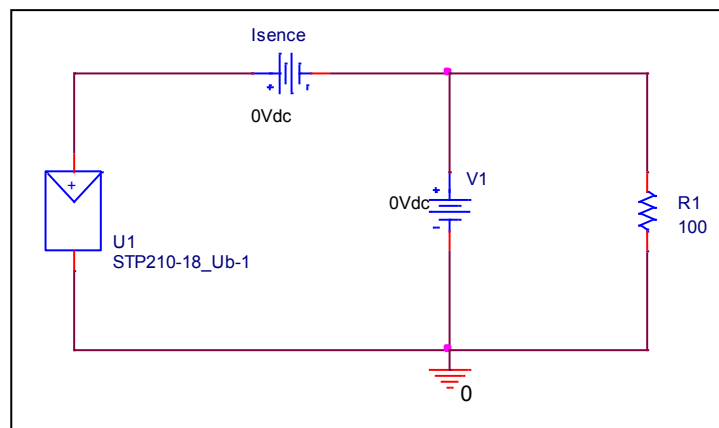
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



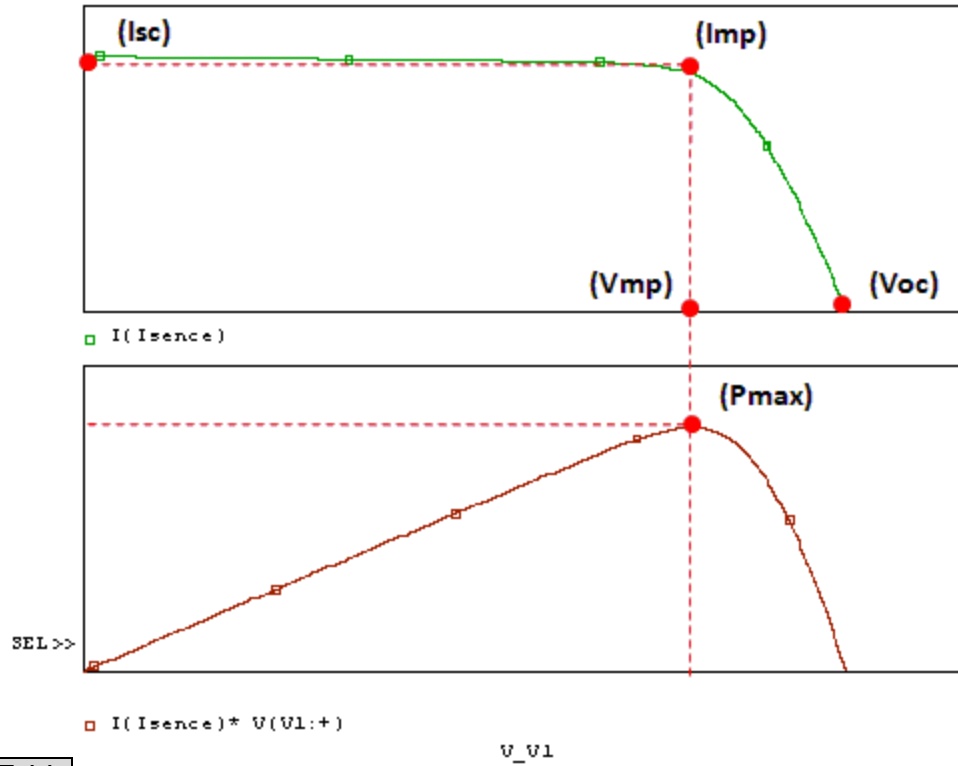
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	210.0000	209.6910	-0.147
Vmp	26.4000	26.3800	-0.076
Imp	7.9500	7.9489	-0.014
Voc	33.6000	33.5900	-0.030
Isc	8.3300	8.3300	0.000

Data Information

No.STP210-18/Ub-1	
Maximum output (Pmax)	210.0000
Maximum power voltage (Vmp)	26.4000
Maximum power current (Imp)	7.9500
Open circuit voltage (Voc)	33.6000
Short circuit current (Isc)	8.3300