

Device Modeling Report

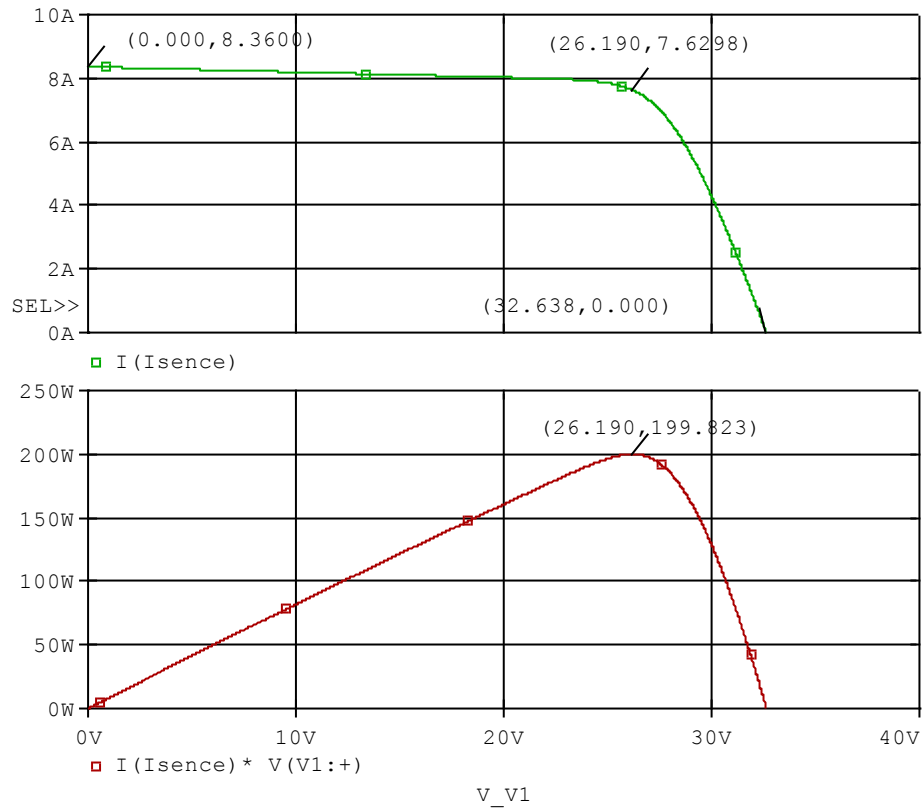
COMPONENTS: Solar Cell
PART NUMBER: PCB200
MANUFACTURER: YOCASOL
REMARK: Pmax=200(W)



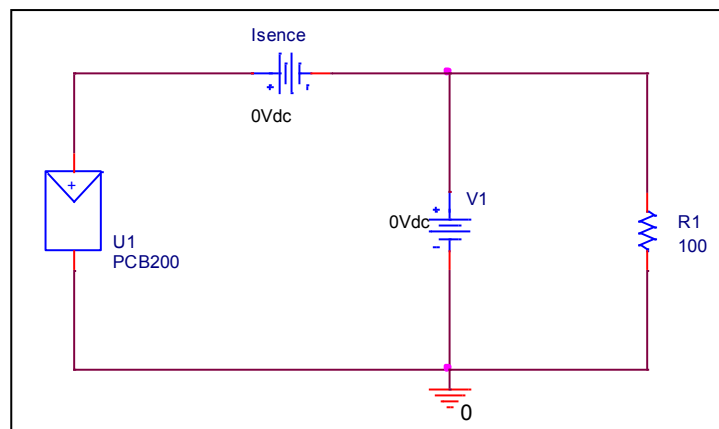
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



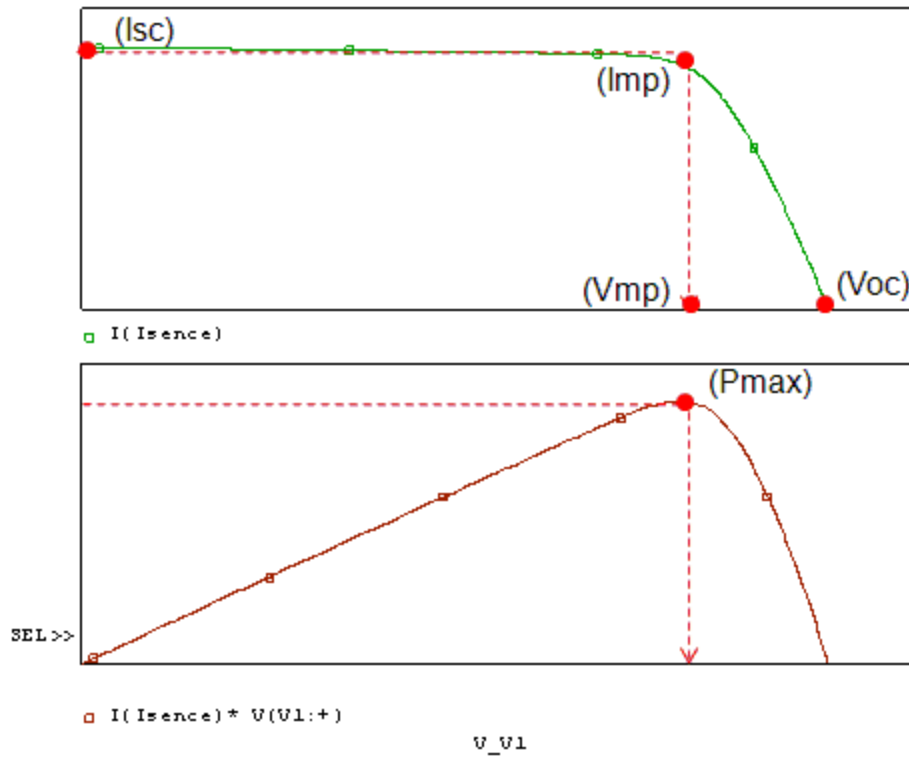
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	200.0000	199.8230	-0.088
Vmp	26.2000	26.1900	-0.038
Imp	7.6300	7.6298	-0.003
Voc	32.7000	32.6380	-0.190
Isc	8.3600	8.3600	0.000

Data Information

No. PCB200	
Maximum output (Pmax)	200W
Maximum power voltage (Vmp)	26.2V
Maximum power current (Imp)	7.63A
Open circuit voltage (Voc)	32.7V
Short circuit current (Isc)	8.36A