

Device Modeling Report

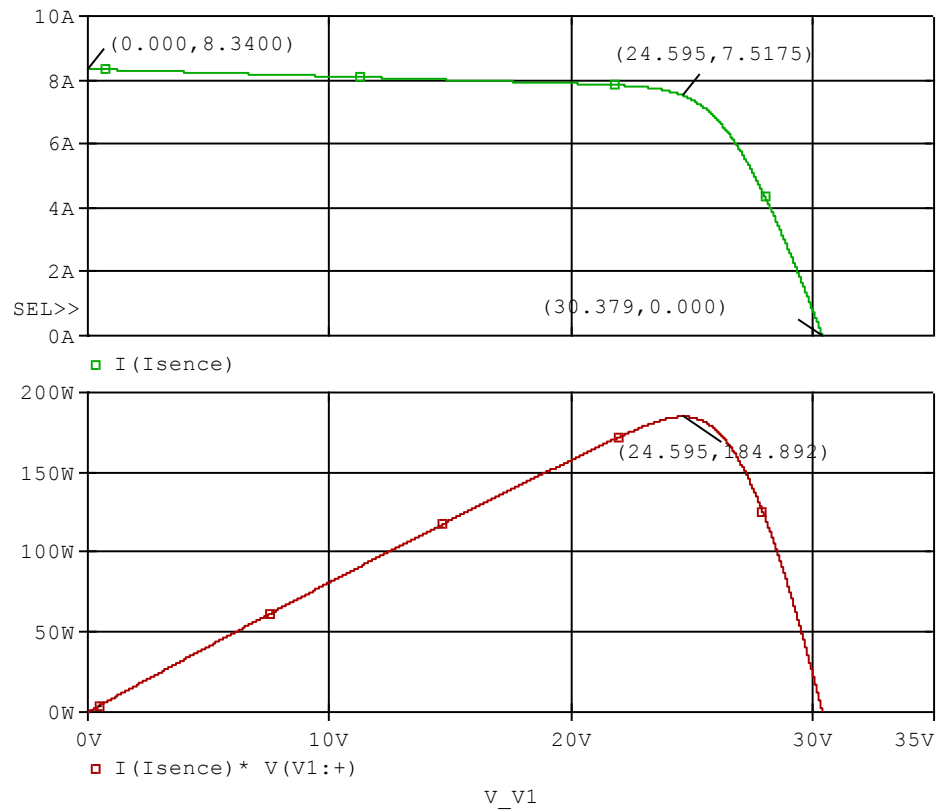
COMPONENTS: Solar Cell
PART NUMBER: PV-MX185H
MANUFACTURER: MITSUBISHI
REMARK: Pmax=185(W)



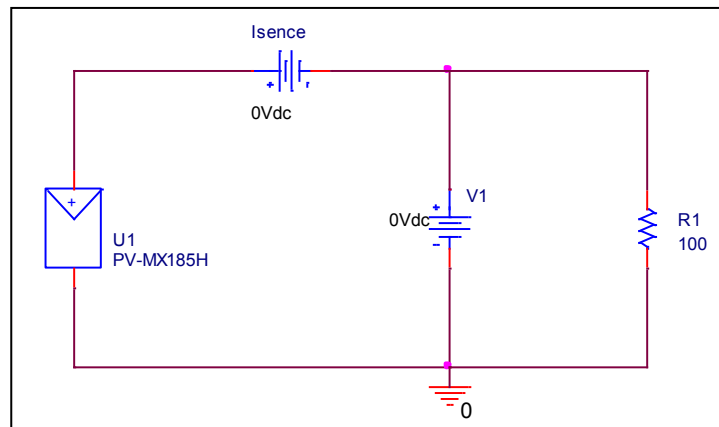
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



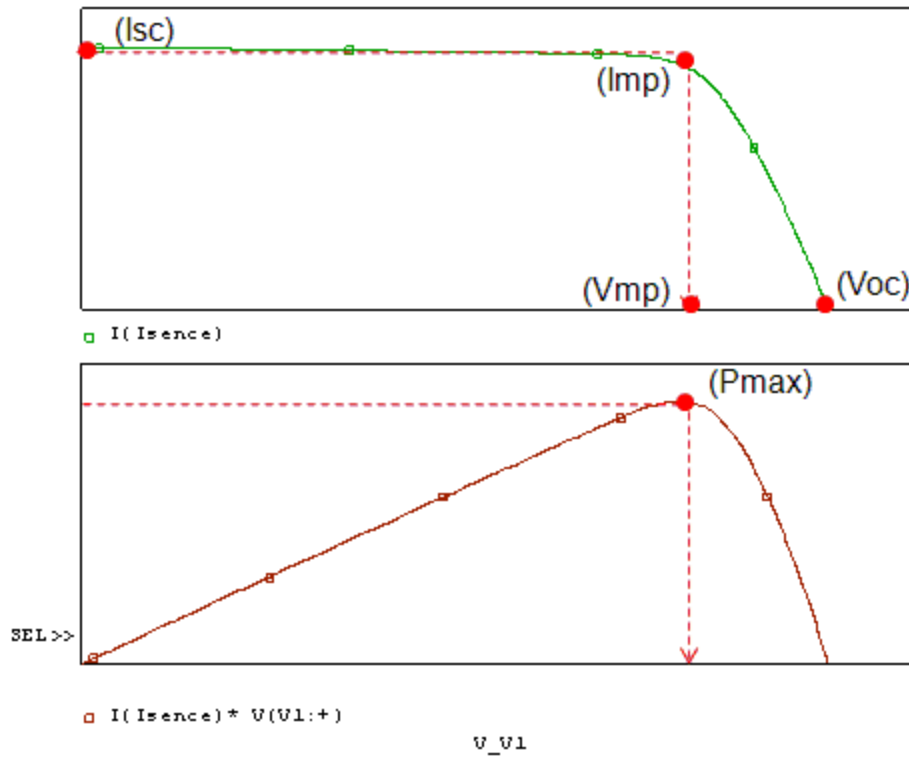
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	185.0000	184.8920	-0.058
Vmp	24.6000	24.5950	-0.020
Imp	7.5200	7.5175	-0.033
Voc	30.4000	30.3790	-0.069
Isc	8.3400	8.3400	0.000

Data Information

No. PV-MX185H	
Maximum output (Pmax)	185.0000
Maximum power voltage (Vmp)	24.6000
Maximum power current (Imp)	7.5200
Open circuit voltage (Voc)	30.4000
Short circuit current (Isc)	8.3400