

Device Modeling Report

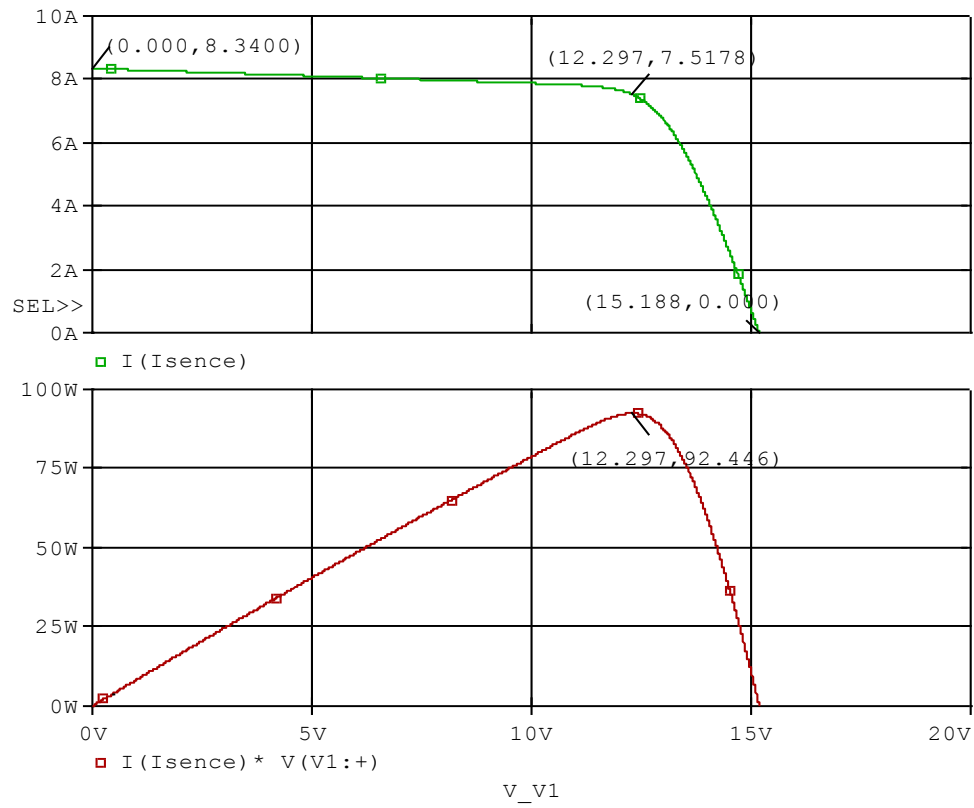
COMPONENTS: Solar Cell
PART NUMBER: PV-MX0925HL
MANUFACTURER: MITSUBISHI
REMARK: $P_{max}=92.5(W)$



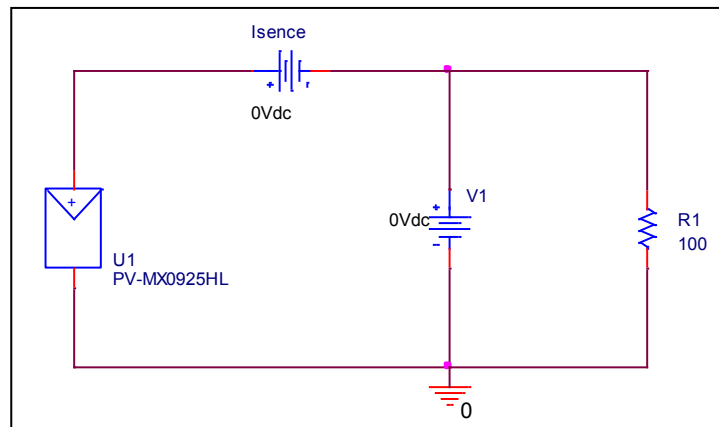
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



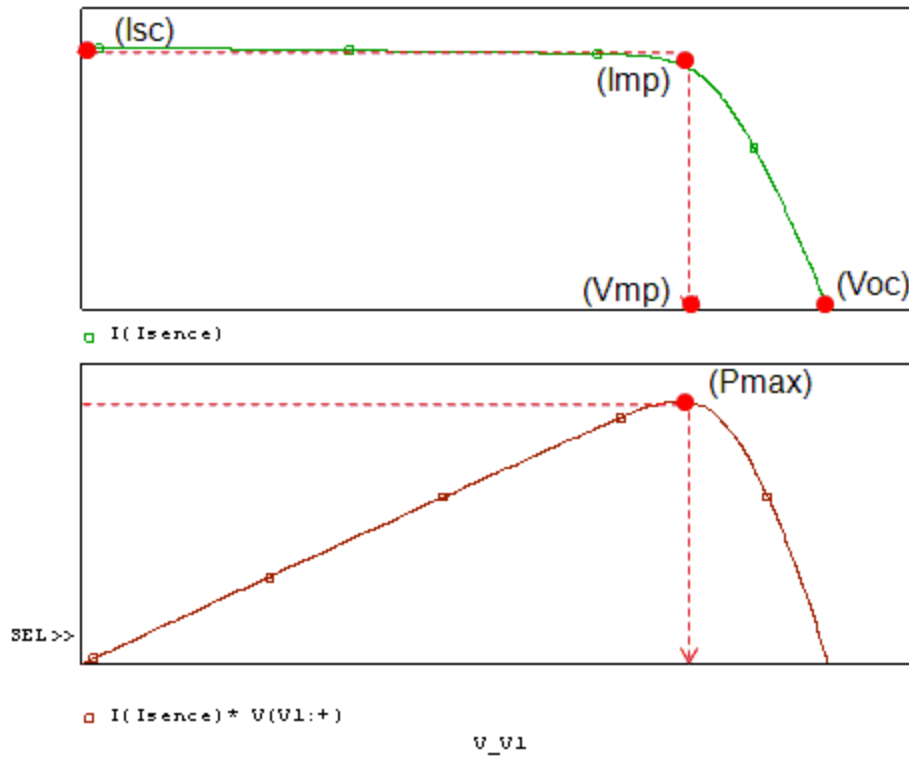
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	92.5000	92.4460	-0.058
Vmp	12.3000	12.2970	-0.024
Imp	7.5200	7.5178	-0.029
Voc	15.2000	15.1880	-0.079
Isc	8.3400	8.3400	0.000

Data Information

No. PV-MX0925HL	
Maximum output (Pmax)	92.5000
Maximum power voltage (Vmp)	12.3000
Maximum power current (Imp)	7.5200
Open circuit voltage (Voc)	15.2000
Short circuit current (Isc)	8.3400