

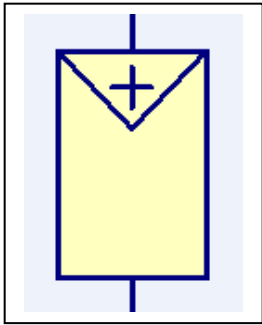
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: FPV1096SLN
MUNUFACTURER: Fuji Electric Systems
REMARK: Pmax=92(W)
REPORT of SolarCells (LTspice IV)



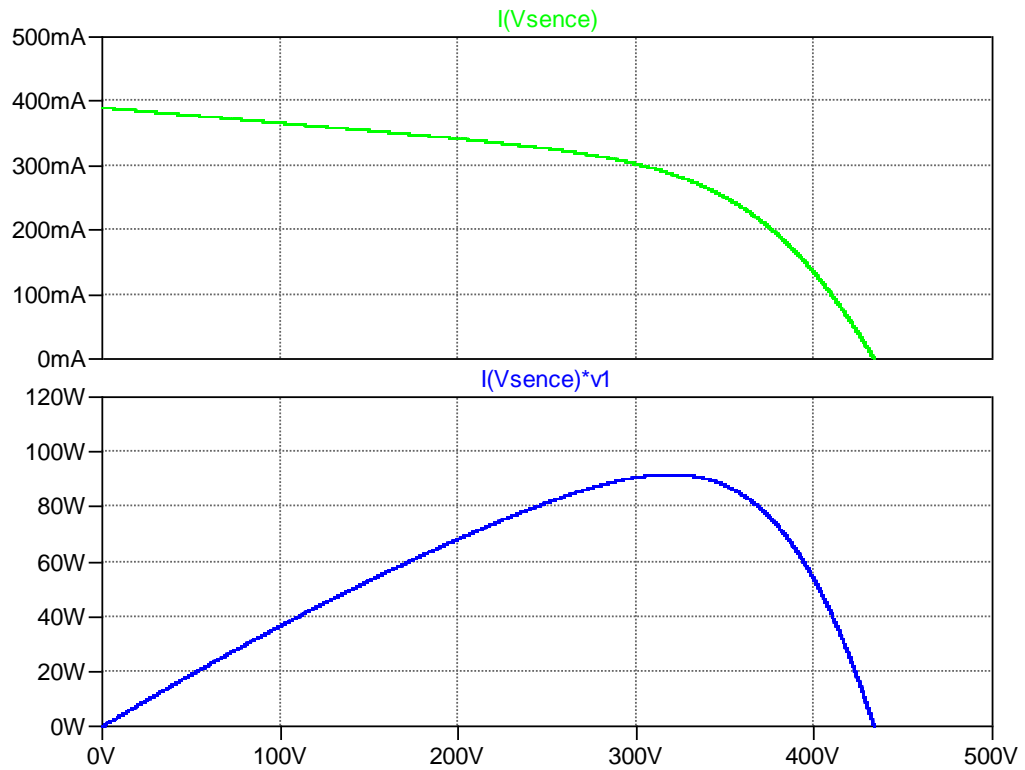
Bee Technologies Inc.

Circuit Configuration

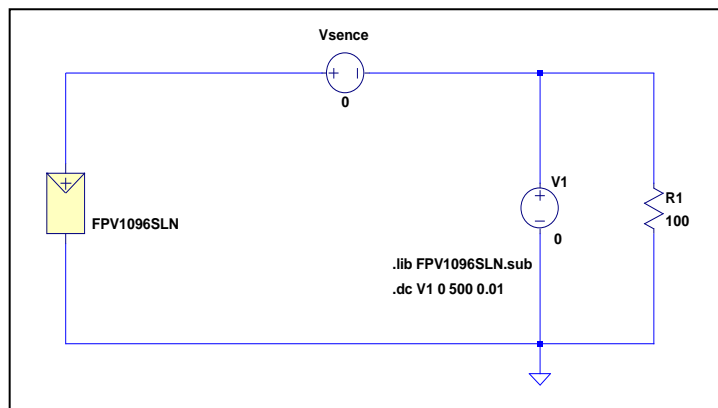


Output Characteristic

Circuit Simulation Result



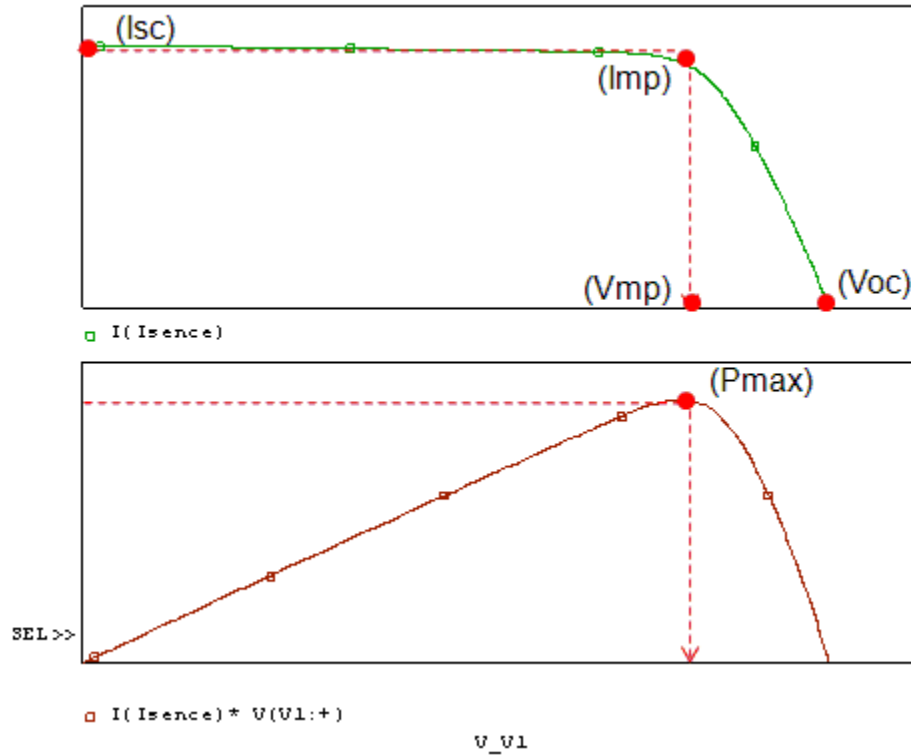
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	92.0000	91.7920	-0.226
Vmp	319.4000	318.8000	-0.188
Imp	0.2880	0.2879	-0.024
Isc	0.3900	0.3898	-0.049
Voc	429.0000	433.2190	0.983

Data Information

No. FPV1096SLN	
Maximum power(Pmax)	92.0000
Voltage at Pmax(Vmp)	319.4000
Current at Pmax(Imp)	0.2880
Short-circuit current(Isc)	0.3900
Open-circuit voltage(Voc)	429.0000