

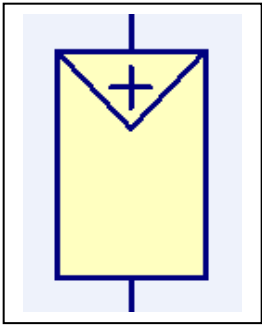
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: FPV2086
MUNUFACTURER: Fuji Electric Systems
REMARK: Pmax=86.4(W)
REPORT of Solar Cells (LTspice IV)



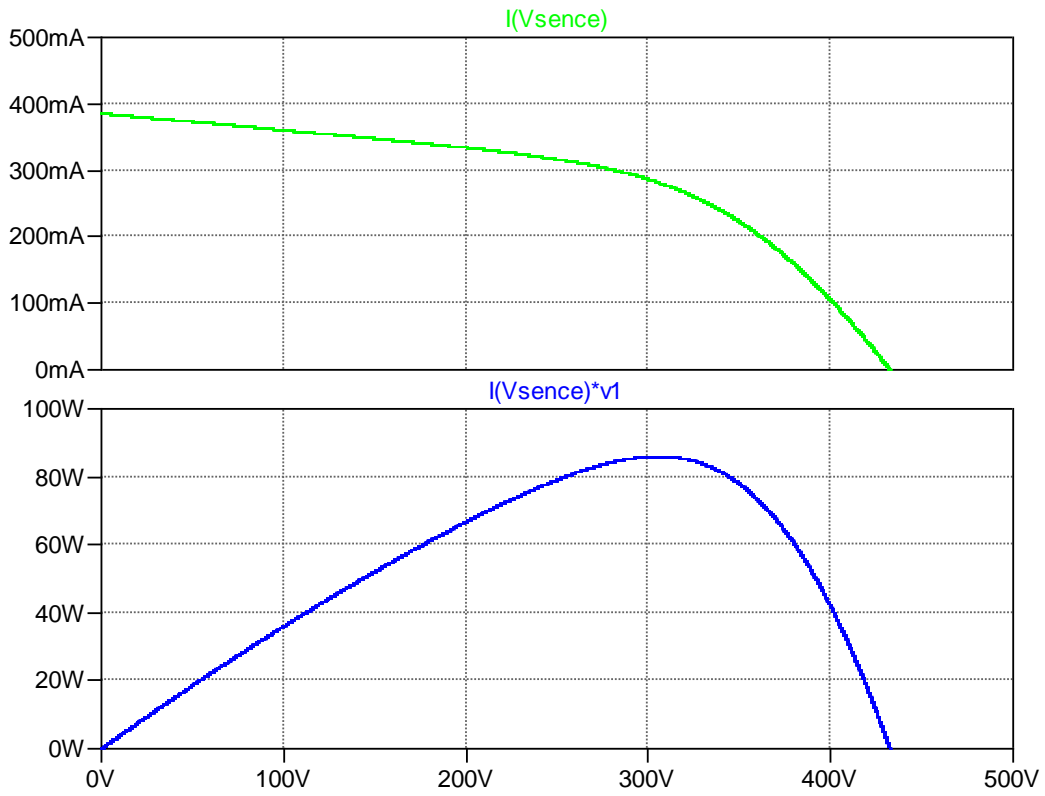
Bee Technologies Inc.

Circuit Configuration

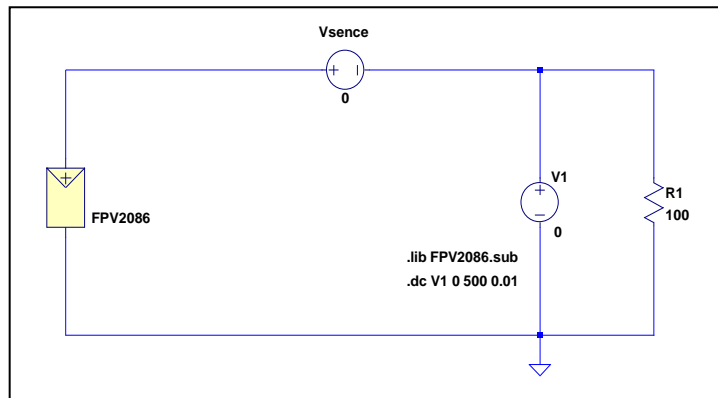


Output Characteristic

Circuit Simulation Result



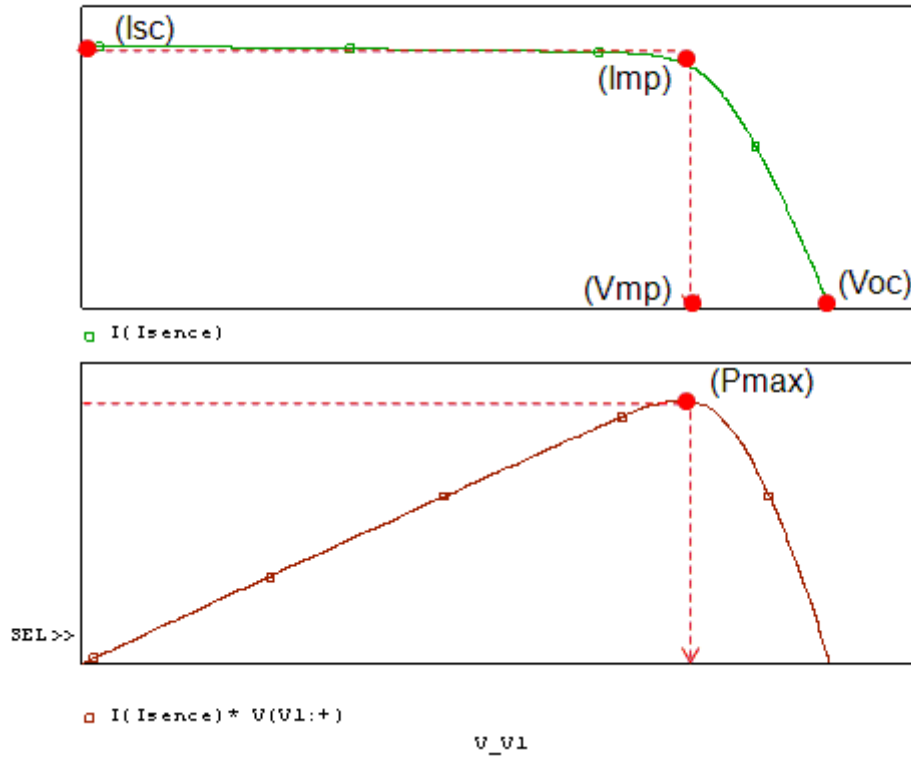
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	86.4000	85.9660	-0.502
Vmp	306.4000	305.0000	-0.457
Imp	0.2820	0.2819	-0.051
Isc	0.3880	0.3854	-0.666
Voc	428.0000	432.1780	0.976

Data Information

No. FPV2086	
Maximum power(Pmax)	86.4000
Voltage at Pmax(Vmp)	306.4000
Current at Pmax(Imp)	0.2820
Short-circuit current(Isc)	0.3880
Open-circuit voltage(Voc)	428.0000