

Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: Q6LTT3-1580
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.85(W)$
REPORT of SolarCells (LTspice IV)



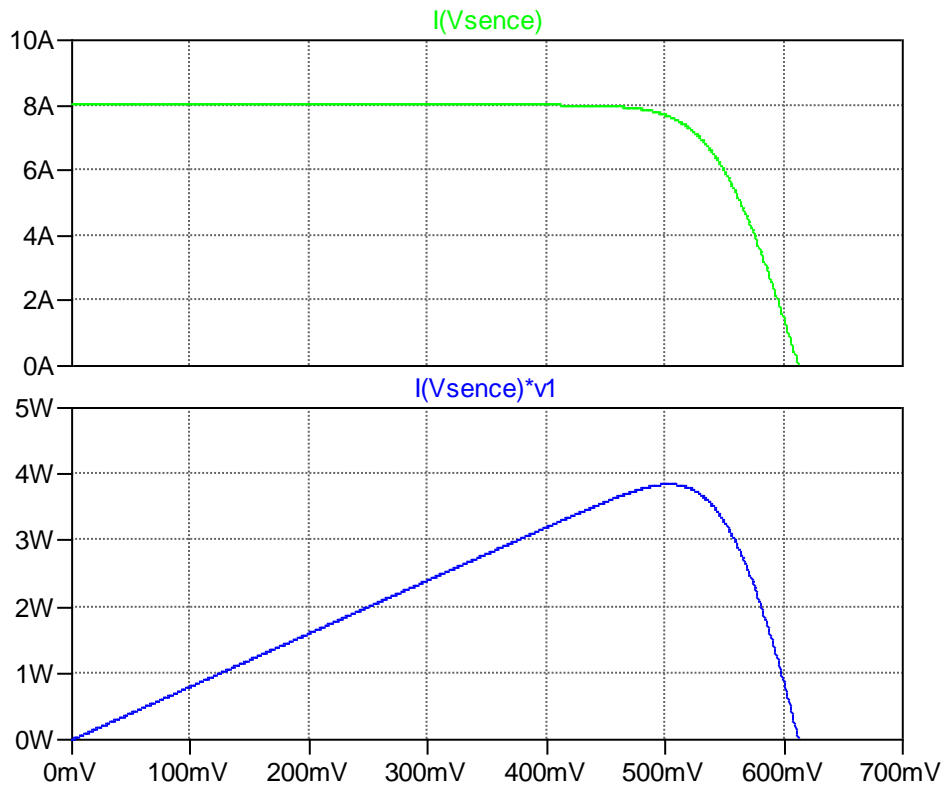
Bee Technologies Inc.

Circuit Configuration

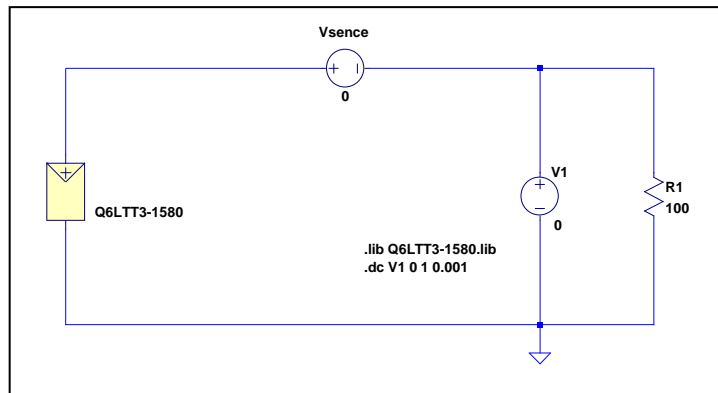


Output Characteristic

Circuit Simulation Result



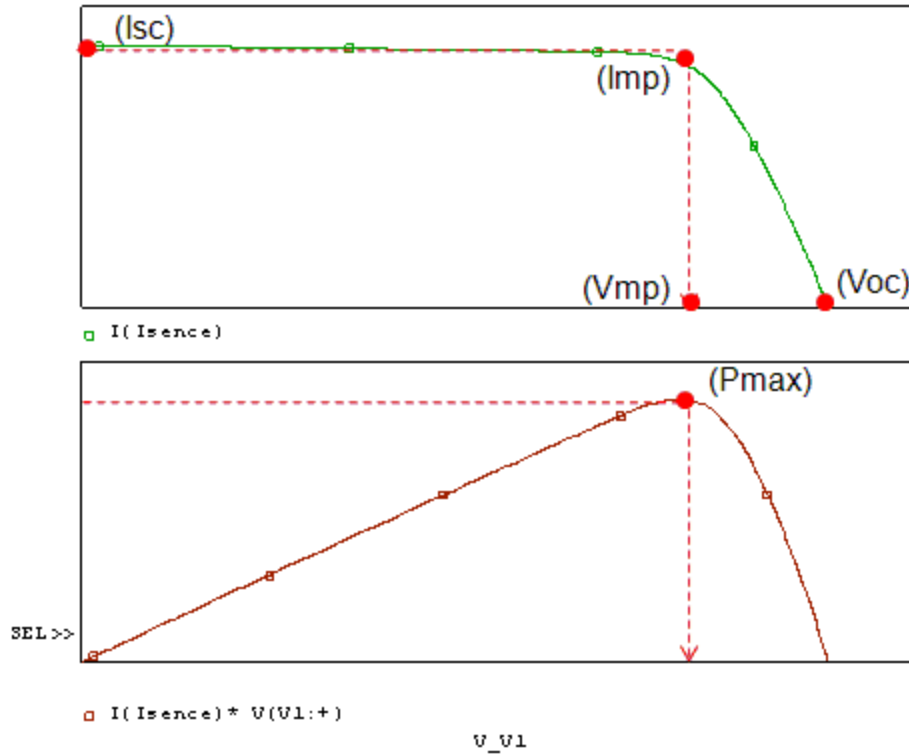
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.8500	3.8478	-0.057
Vmp	0.5033	0.5030	-0.053
Imp	7.6500	7.6497	-0.004
Voc	0.6120	0.6118	-0.035
Isc	8.0400	8.0381	-0.024

Data Information

No. Q6LTT3-1580	
Maximum output (Pmax)	3.8500(W)
Maximum power voltage (Vmp)	0.5033(V)
Maximum power current (Imp)	7.6500(A)
Open circuit voltage (Voc)	0.6120(V)
Short circuit current (Isc)	8.0400(A)