

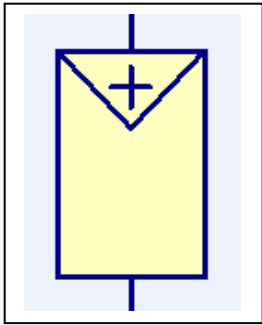
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: Q6LM-1620
MANUFACTURER: Q.CELLS
REMARK: Pmax=3.83(W)
REPORT of SolarCells (LTspice IV)



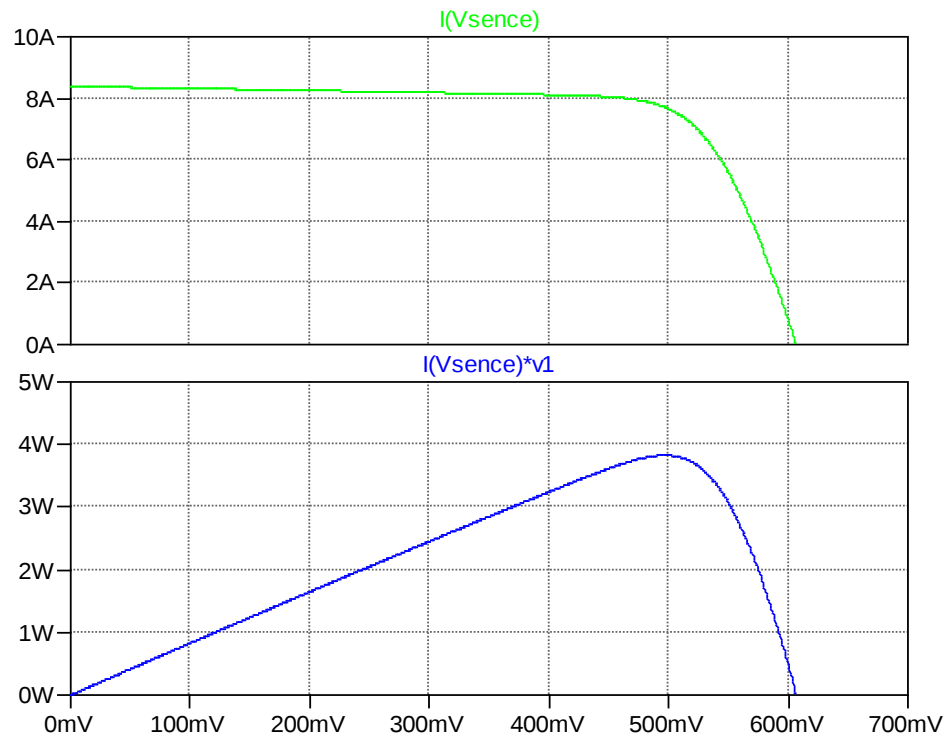
Bee Technologies Inc.

Circuit Configuration

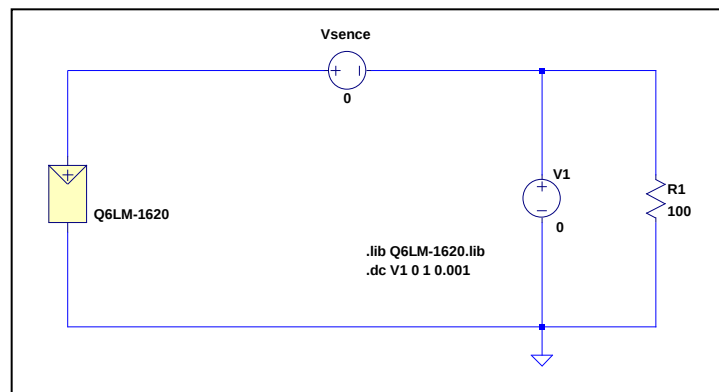


Output Characteristic

Circuit Simulation Result



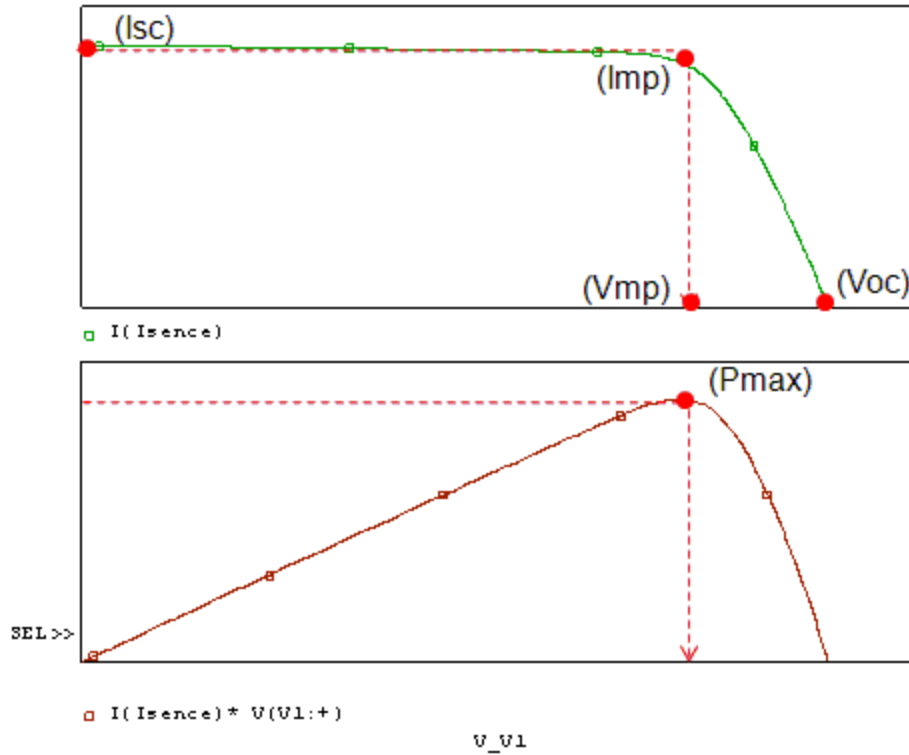
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.8300	3.8275	-0.065
Vmp	0.4961	0.4960	-0.023
Imp	7.7200	7.7168	-0.041
Voc	0.6070	0.6066	-0.071
Isc	8.4000	8.3858	-0.169

Data Information

No. Q6LM-1620	
Maximum output (Pmax)	3.83(W)
Maximum power voltage (Vmp)	0.4961(V)
Maximum power current (Imp)	7.72(A)
Open circuit voltage (Voc)	0.607(V)
Short circuit current (Isc)	8.4(A)