

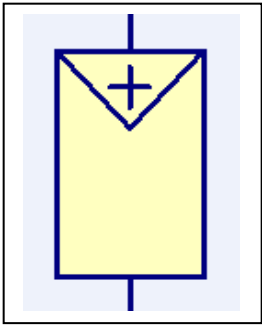
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1410
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.43(W)$
REPORT of SolarCells (LTspice IV)



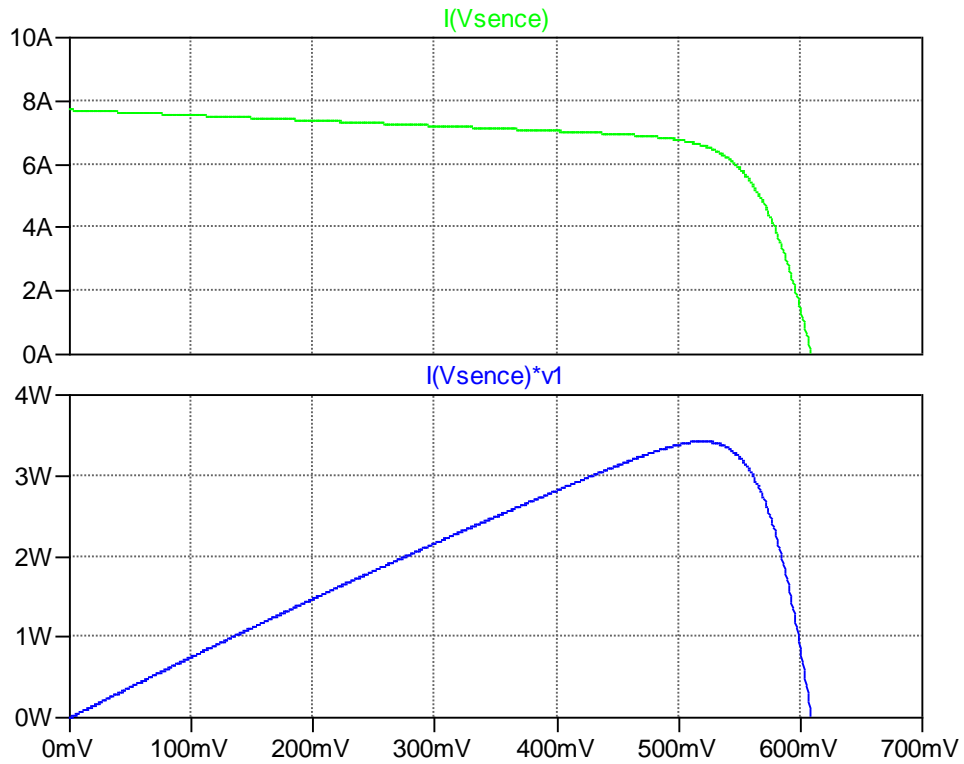
Bee Technologies Inc.

Circuit Configuration

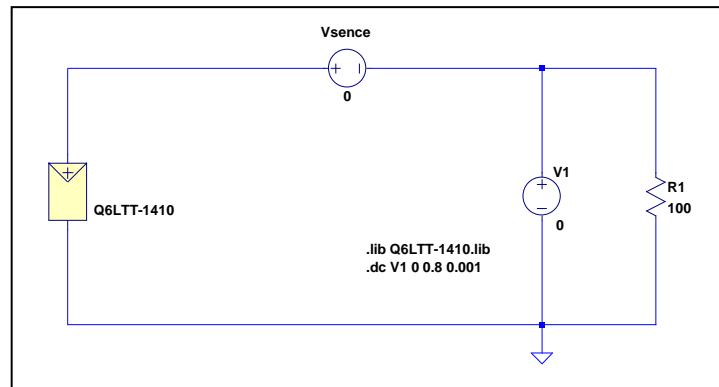


Output Characteristic

Circuit Simulation Result



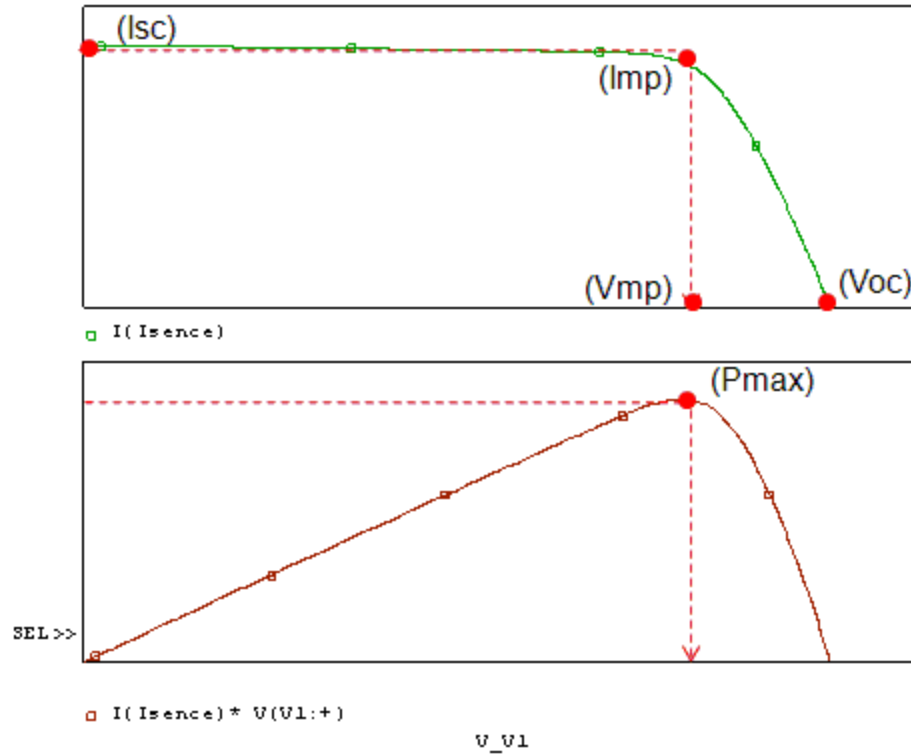
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.4300	3.4233	-0.195
Vmp	0.5197	0.5190	-0.134
Imp	6.6000	6.5959	-0.062
Voc	0.6000	0.6088	1.475
Isc	7.7500	7.7174	-0.421

Data Information

No. Q6LTT-1410	
Maximum output (Pmax)	3.4300(W)
Maximum power voltage (Vmp)	0.5197(V)
Maximum power current (Imp)	6.6000(A)
Open circuit voltage (Voc)	0.6000(V)
Short circuit current (Isc)	7.7500(A)