

Device Modeling Report

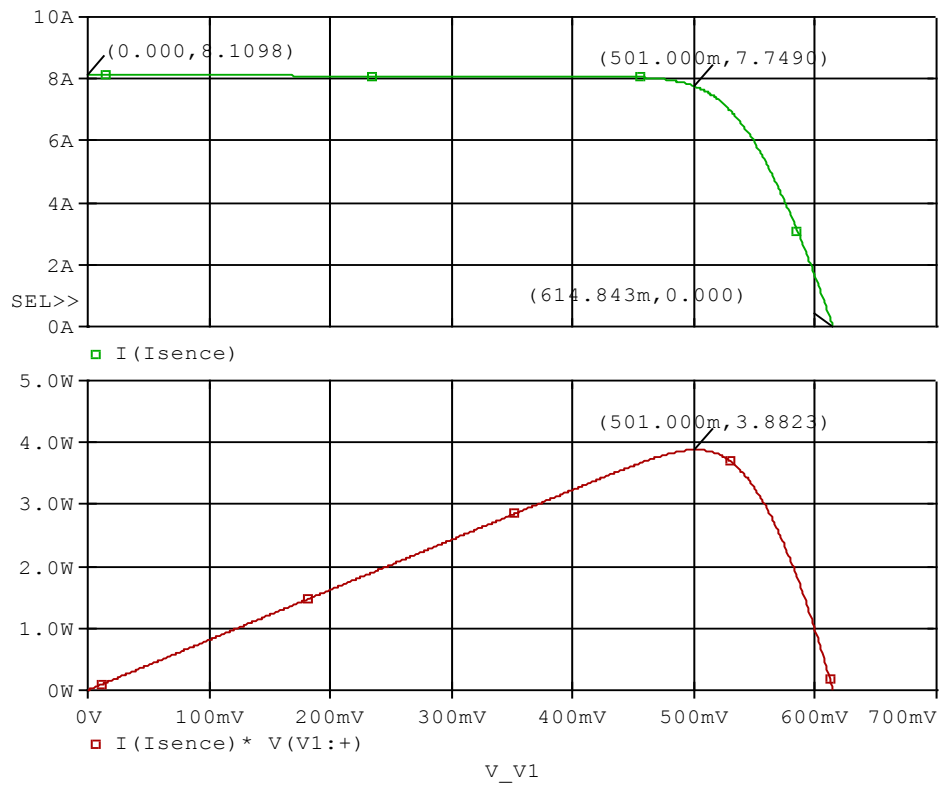
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1600
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.89(W)$



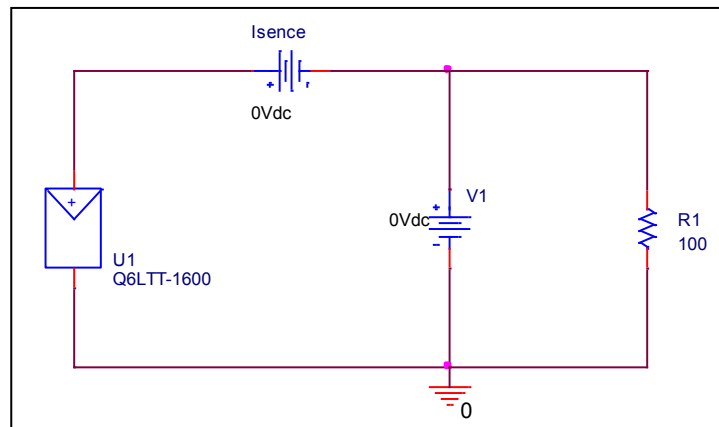
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



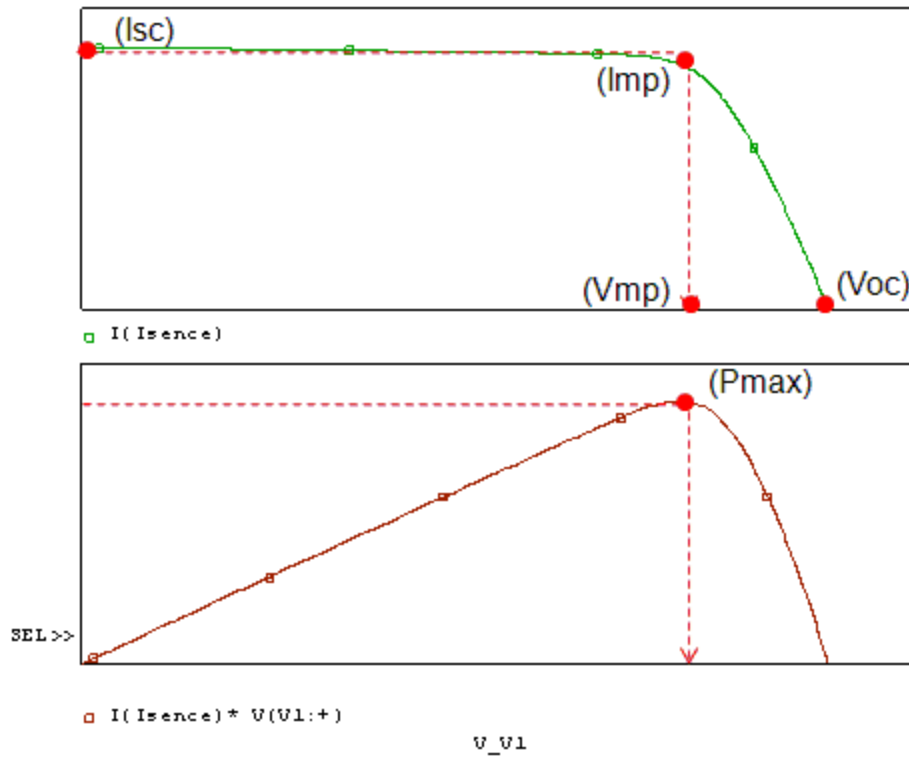
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.8900	3.8823	-0.198
Vmp	0.5019	0.5010	-0.186
Imp	7.7500	7.7490	-0.013
Voc	0.6150	0.6148	-0.026
Isc	3.8900	3.8823	-0.198

Data Information

No. Q6LTT-1600	
Maximum output (Pmax)	3.8900(W)
Maximum power voltage (Vmp)	0.5019(V)
Maximum power current (Imp)	7.7500(A)
Open circuit voltage (Voc)	0.6150(V)
Short circuit current (Isc)	8.1100(A)