

Device Modeling Report

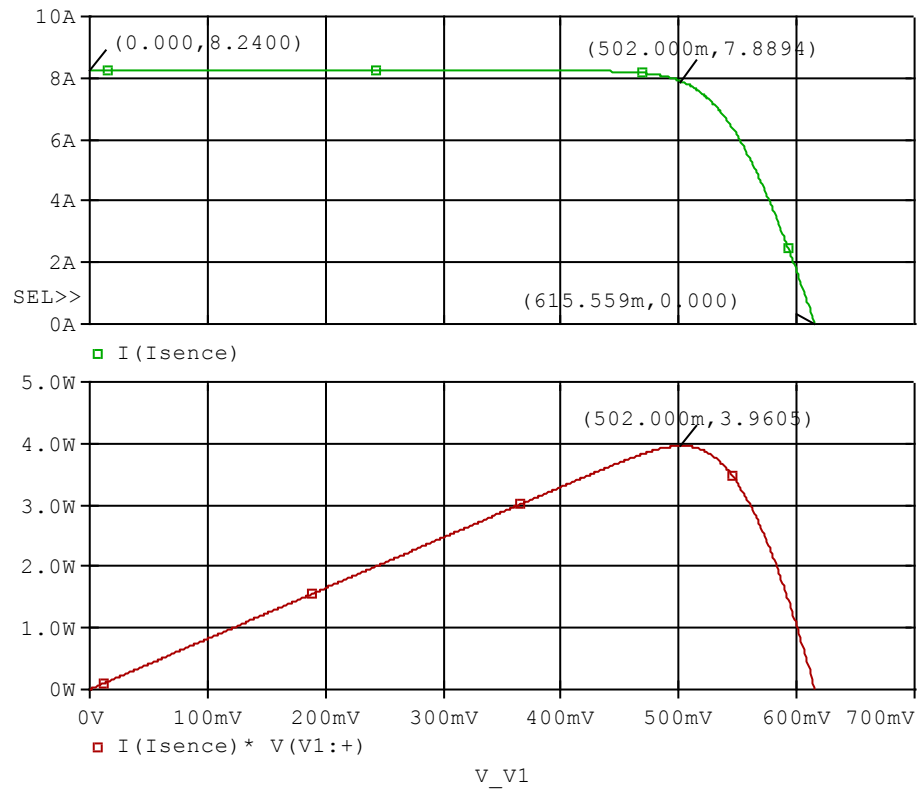
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT3-1660
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=4.04(W)$



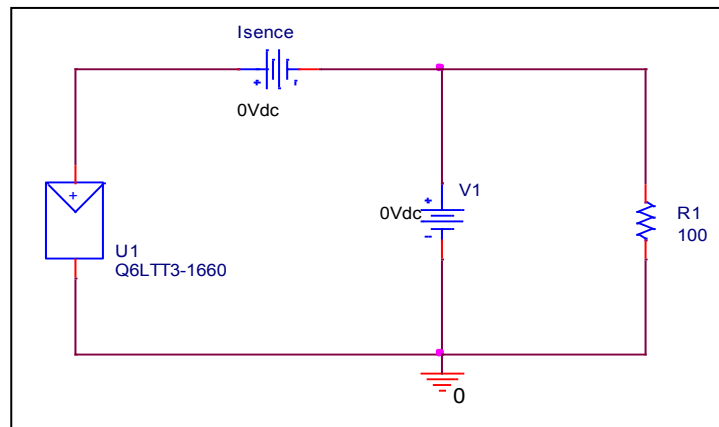
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



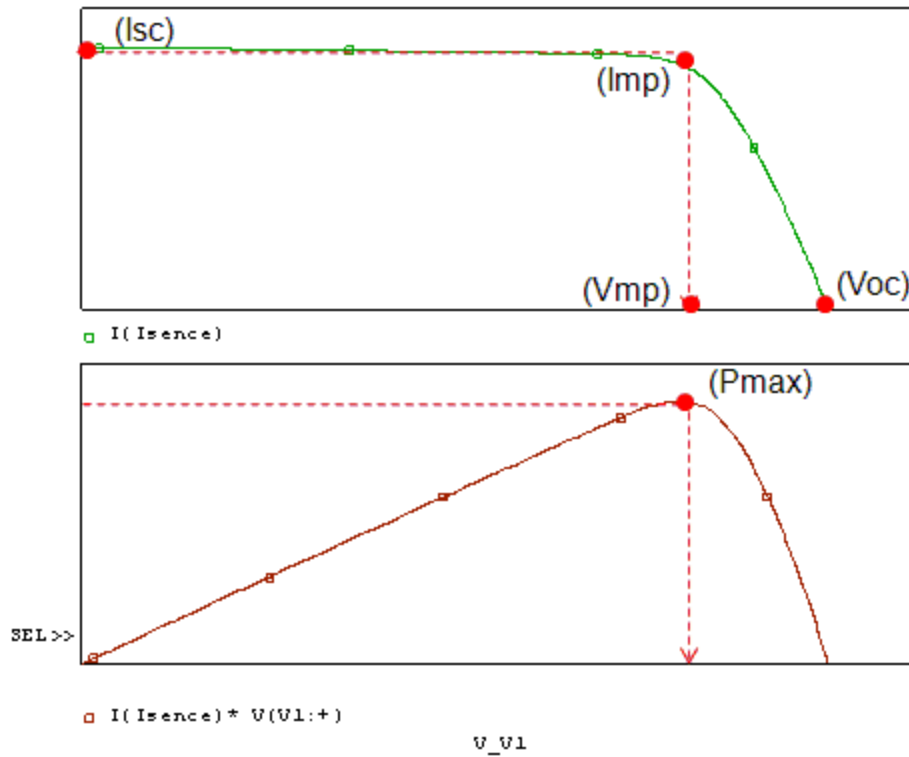
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	4.0400	3.9605	-1.968
Vmp	0.5025	0.5020	-0.097
Imp	8.0400	7.8894	-1.873
Voc	0.6200	0.6156	-0.717
Isc	8.2400	8.2400	0.000

Data Information

No. Q6LTT3-1660	
Maximum output (Pmax)	4.0400(W)
Maximum power voltage (Vmp)	0.5025(V)
Maximum power current (Imp)	8.0400(A)
Open circuit voltage (Voc)	0.6200(V)
Short circuit current (Isc)	8.2400(A)