

Device Modeling Report

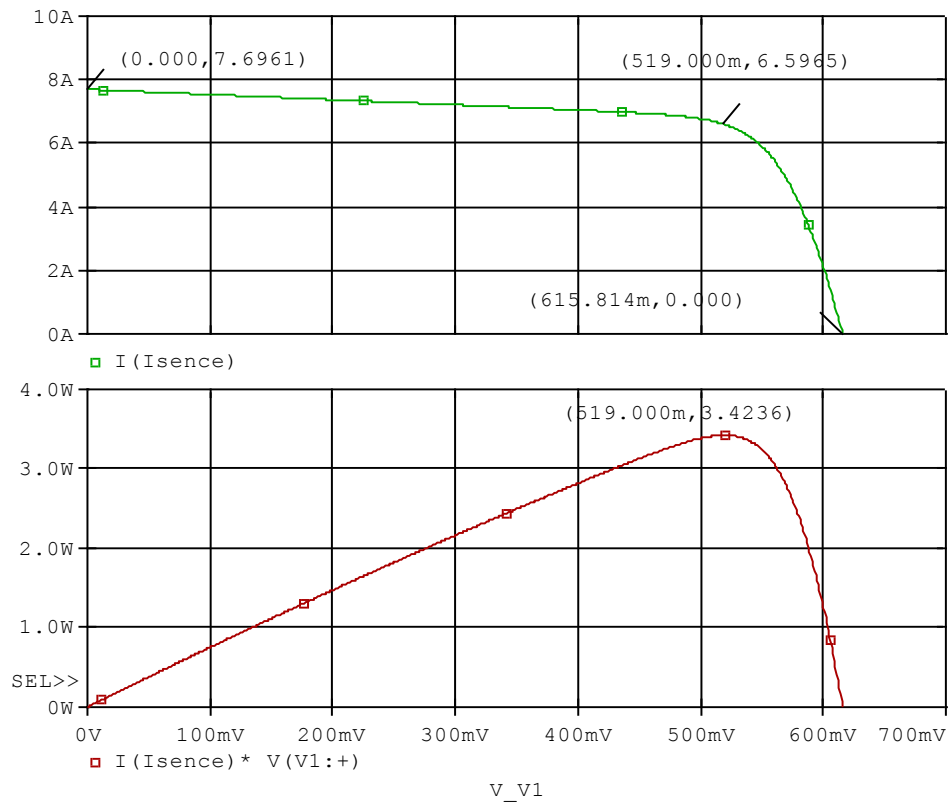
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT3-1410
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.43(W)$



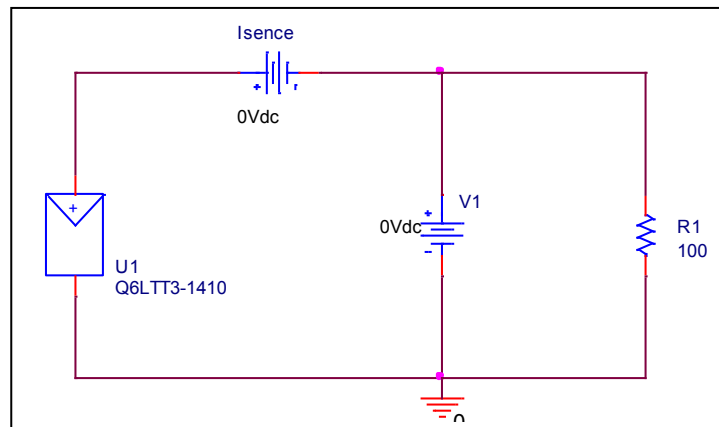
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



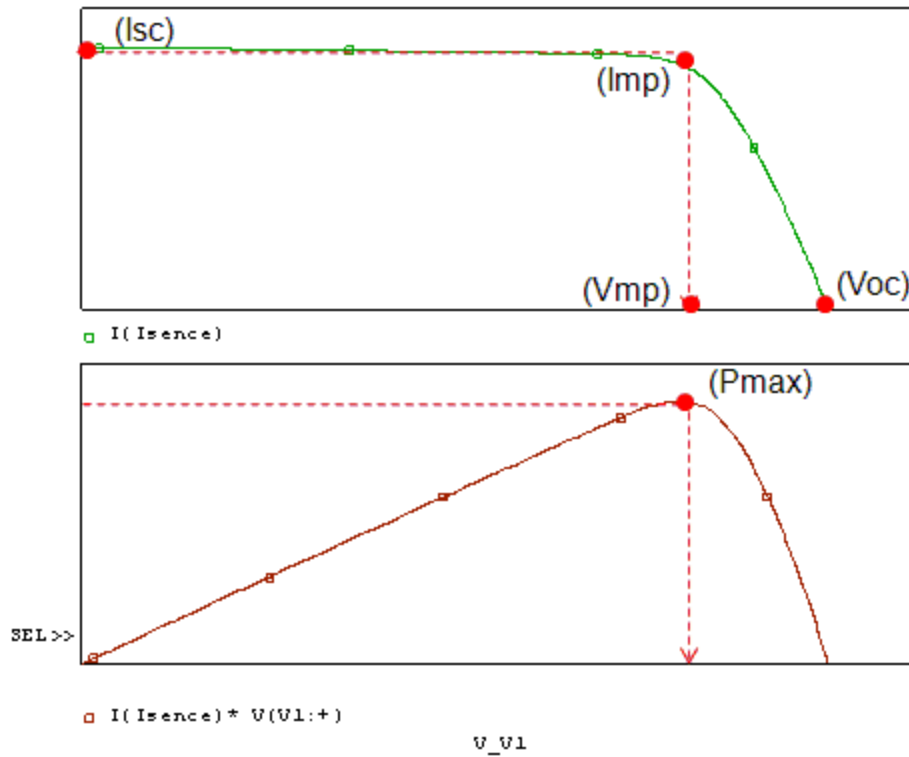
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.4300	3.4236	-0.187
Vmp	0.5197	0.5190	-0.134
Imp	6.6000	6.5965	-0.053
Voc	0.6000	0.6158	2.636
Isc	7.7400	7.6961	-0.567

Data Information

No. Q6LTT3-1410	
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)	7.7400(A)