

Device Modeling Report

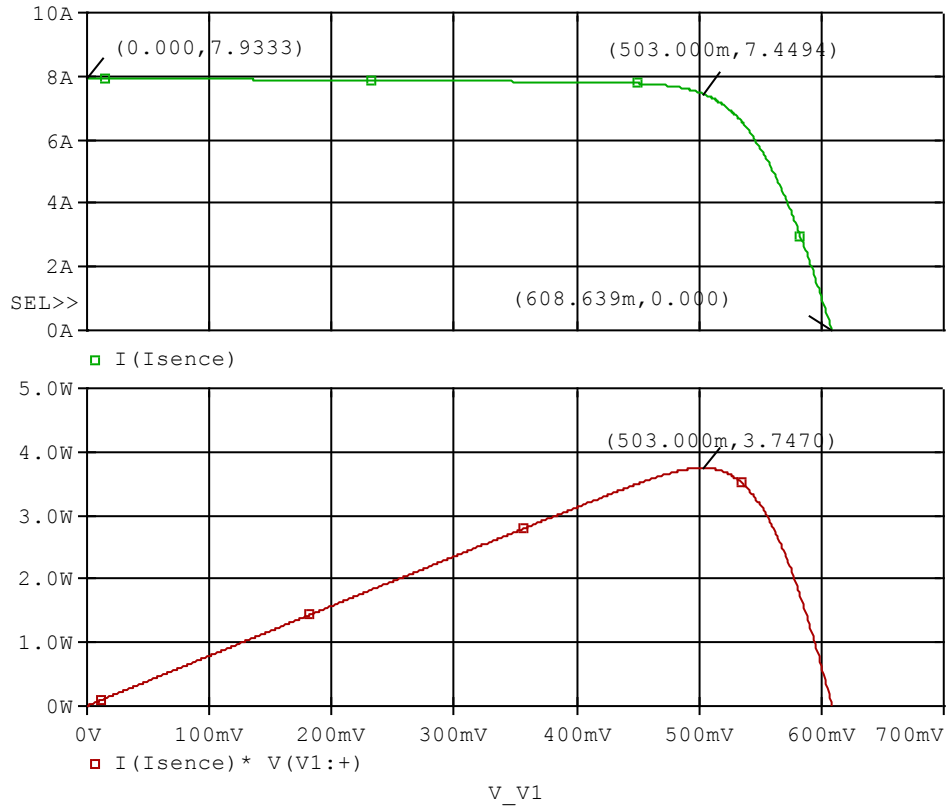
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT3-1540
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.75(W)$



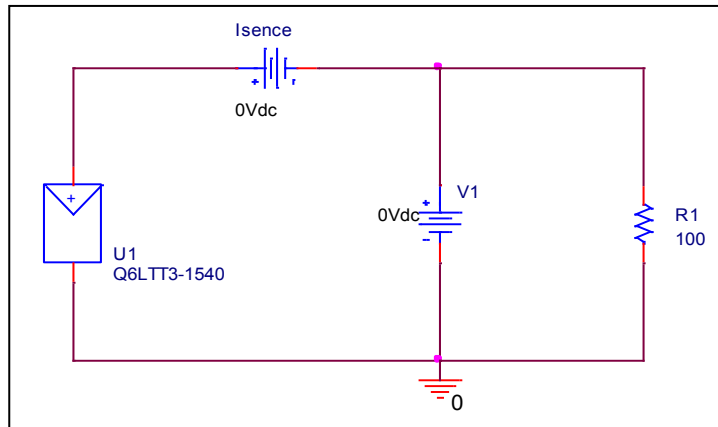
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



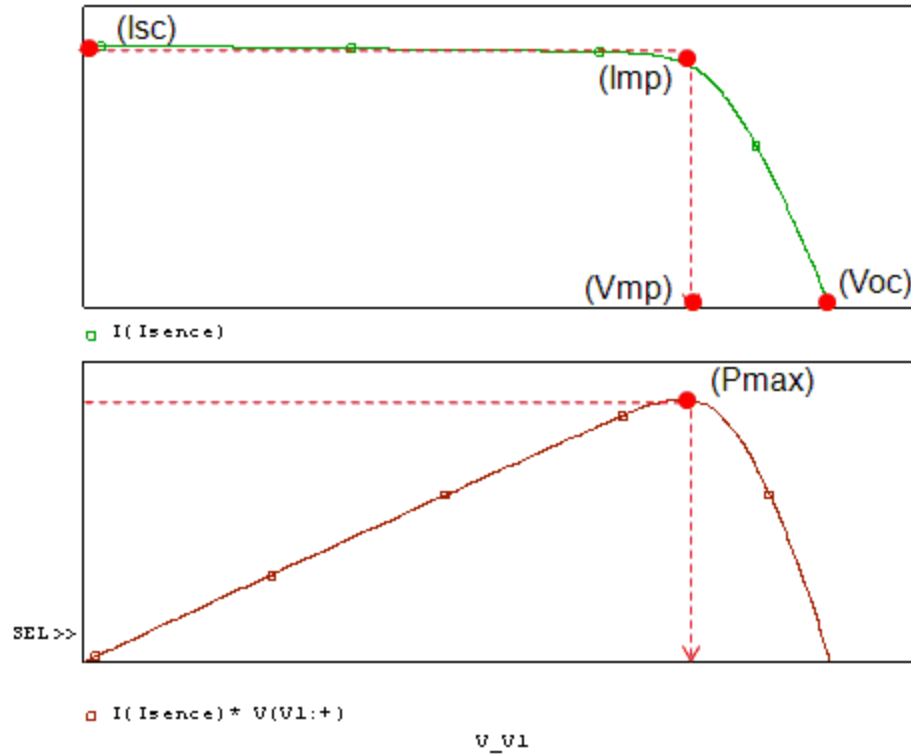
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.7500	3.7470	-0.080
Vmp	0.5034	0.5030	-0.071
Imp	7.4500	7.4494	-0.008
Voc	0.6090	0.6086	-0.059
Isc	7.9400	7.9333	-0.084

Data Information

No. Q6LTT3-1540	
Maximum output (Pmax)	3.7500(W)
Maximum power voltage (Vmp)	0.5034(V)
Maximum power current (Imp)	7.4500(A)
Open circuit voltage (Voc)	0.6090(V)
Short circuit current (Isc)	7.9400(A)