

Device Modeling Report

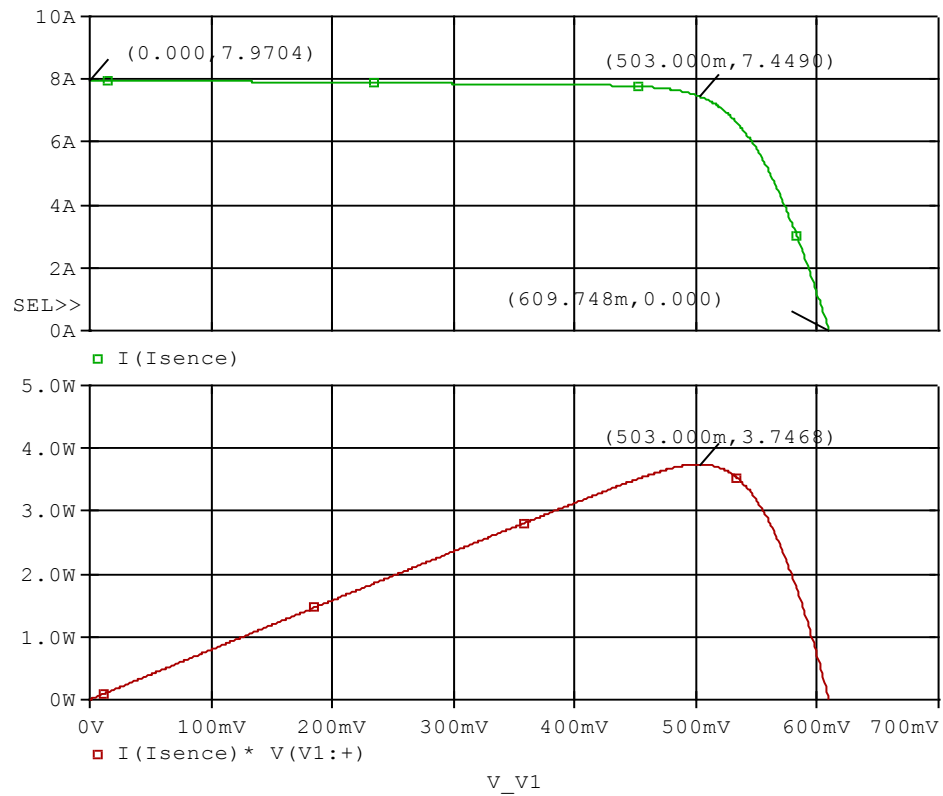
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1540
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.75(W)$



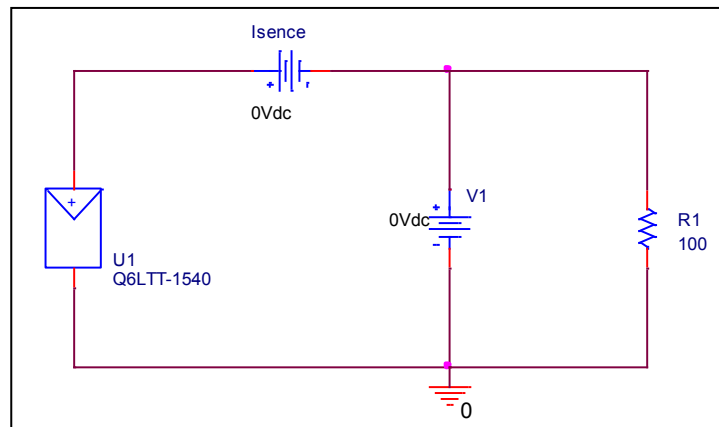
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



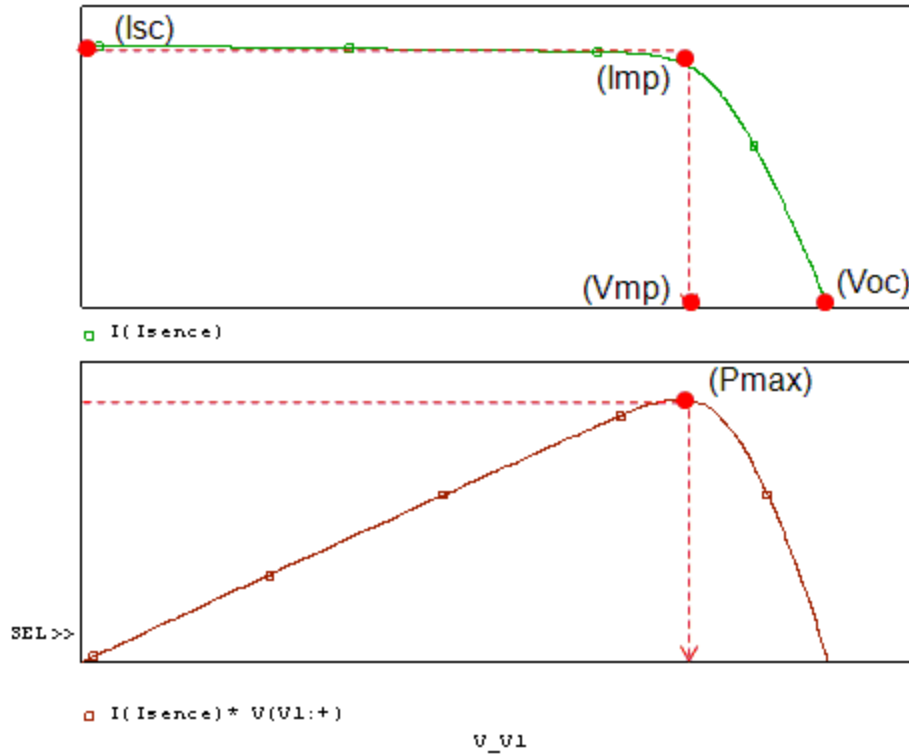
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.7500	3.7468	-0.085
Vmp	0.5034	0.5030	-0.071
Imp	7.4500	7.4490	-0.013
Voc	0.6100	0.6097	-0.041
Isc	7.9800	7.9704	-0.120

Data Information

No. Q6LTT-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)	0.6100(V)
Short circuit current (Isc)	7.9800(A)