

Device Modeling Report

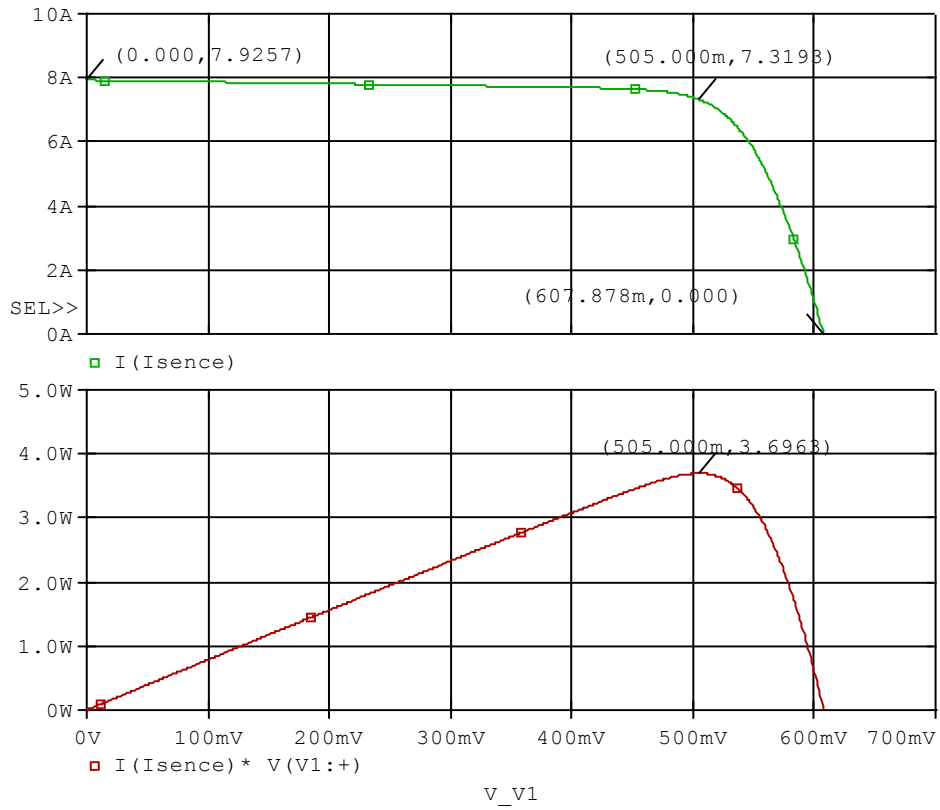
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1520
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.7(W)$



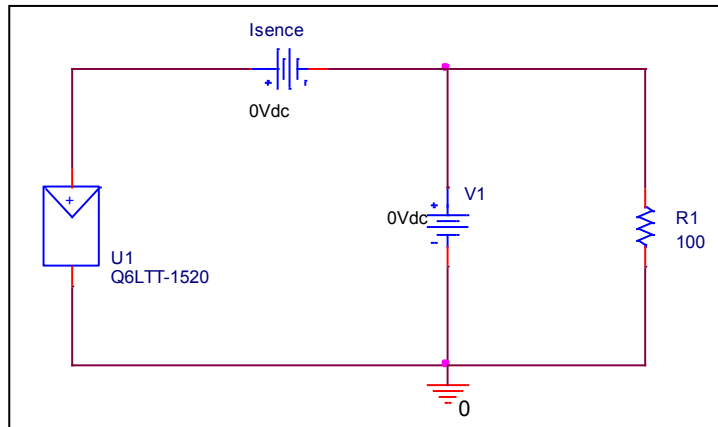
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



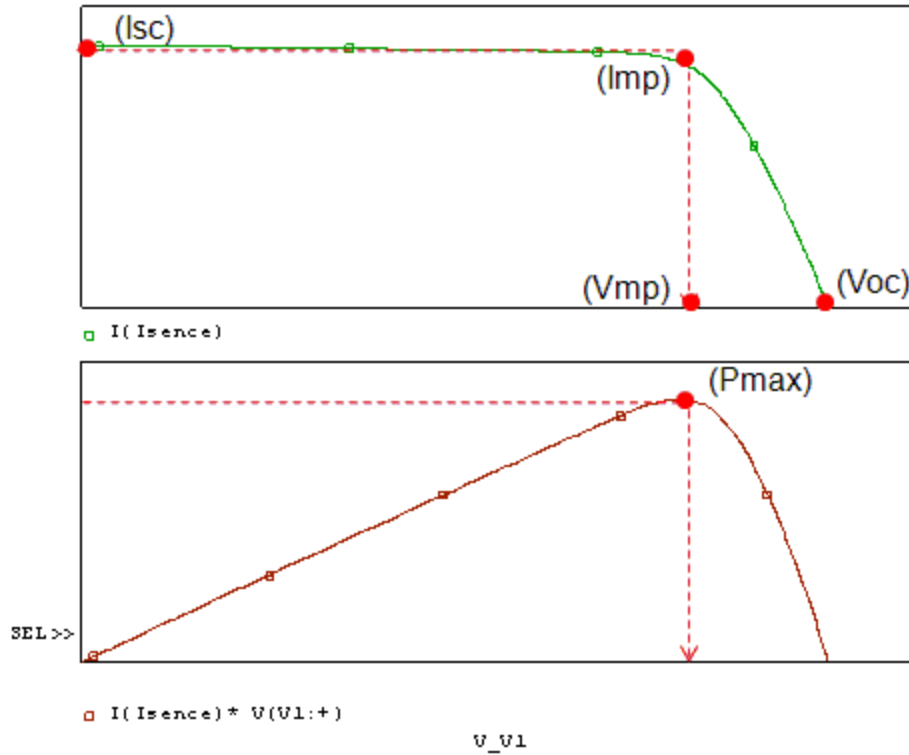
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.7000	3.6963	-0.100
Vmp	0.5055	0.5050	-0.092
Imp	7.3200	7.3193	-0.010
Voc	0.6080	0.6079	-0.020
Isc	7.9400	7.9257	-0.180

Data Information

No. Q6LTT-1520	
Maximum output (Pmax)	3.7000(W)
Maximum power voltage (Vmp)	0.5055(V)
Maximum power current (Imp)	7.3200(A)
Open circuit voltage (Voc)	0.6080(V)
Short circuit current (Isc)	7.9400(A)