

Device Modeling Report

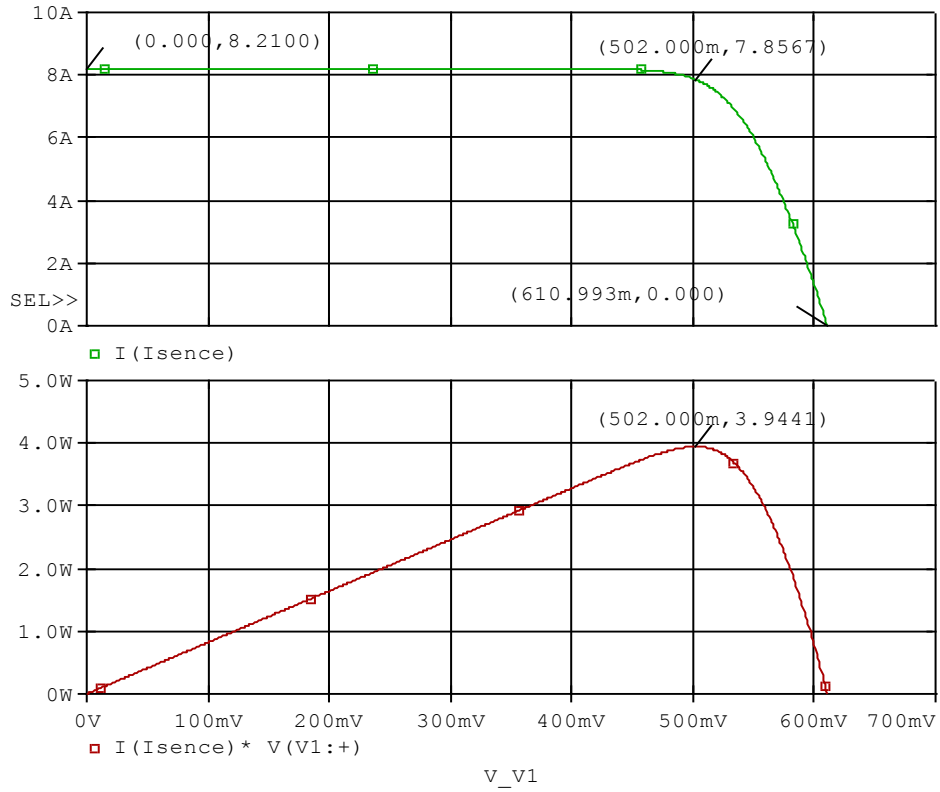
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1640
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.99(W)$



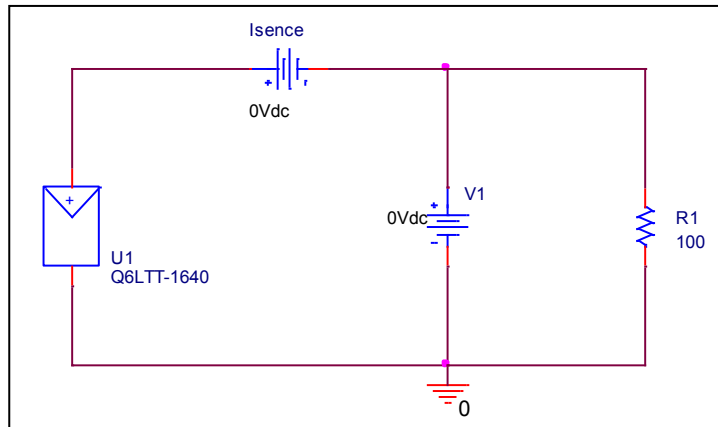
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



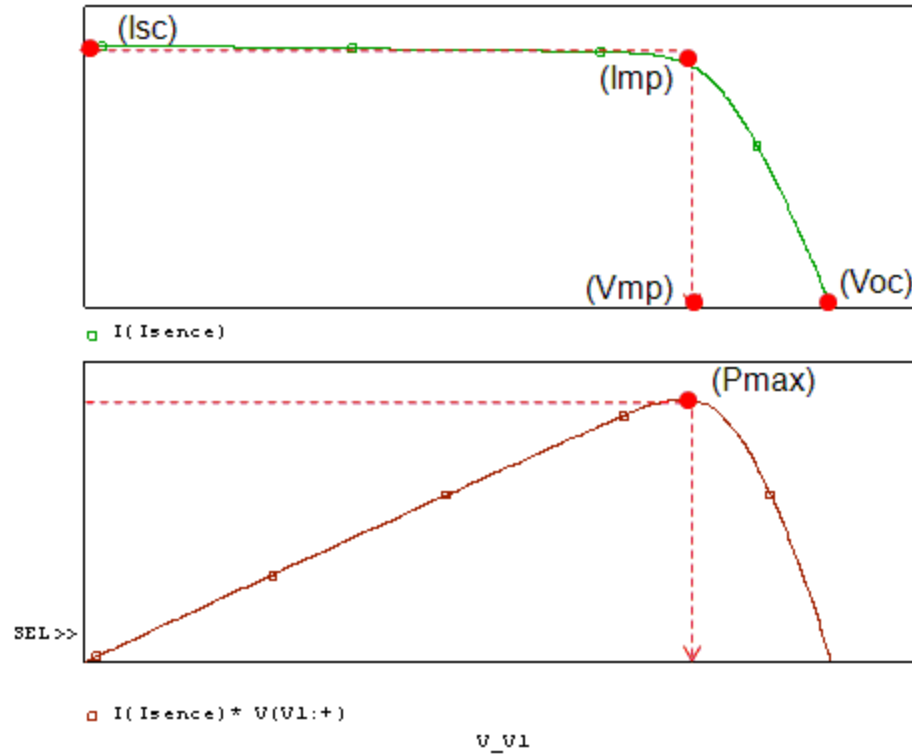
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.9900	3.9441	-1.150
Vmp	0.5025	0.5020	-0.103
Imp	7.9400	7.8567	-1.049
Voc	0.6180	0.6110	-1.134
Isc	8.2100	8.2100	0.000

Data Information

No. Q6LTT-1640	
Maximum output (Pmax)	3.9900(W)
Maximum power voltage (Vmp)	0.5025(V)
Maximum power current (Imp)	7.9400(A)
Open circuit voltage (Voc)	0.6180(V)
Short circuit current (Isc)	8.2100(A)