

Device Modeling Report

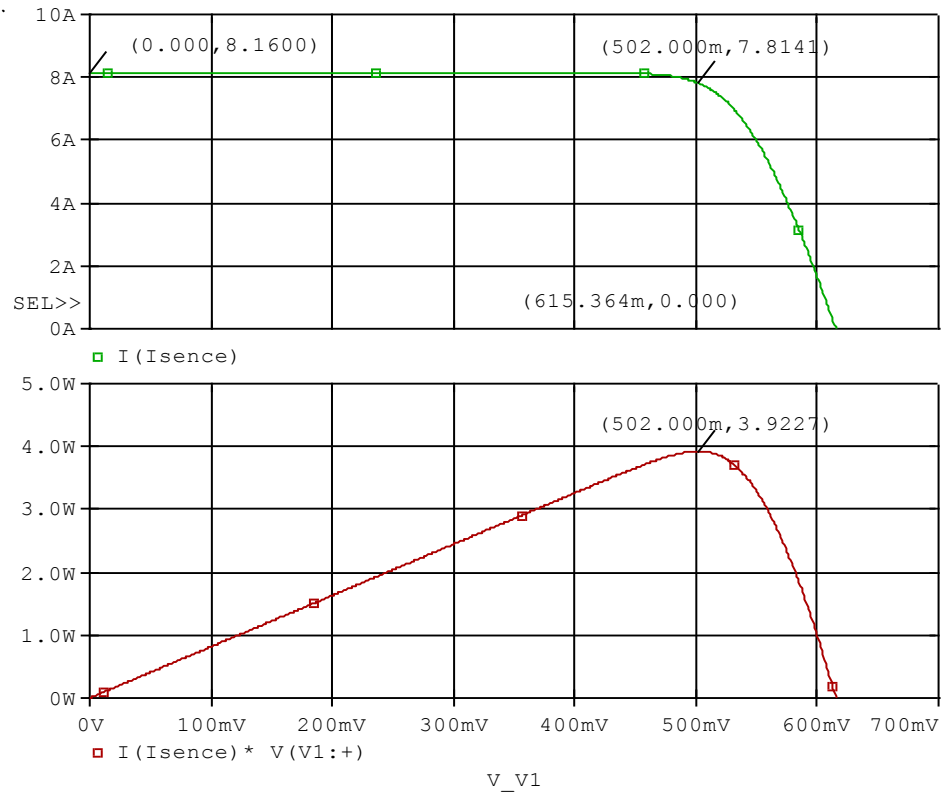
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1620
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.94(W)$



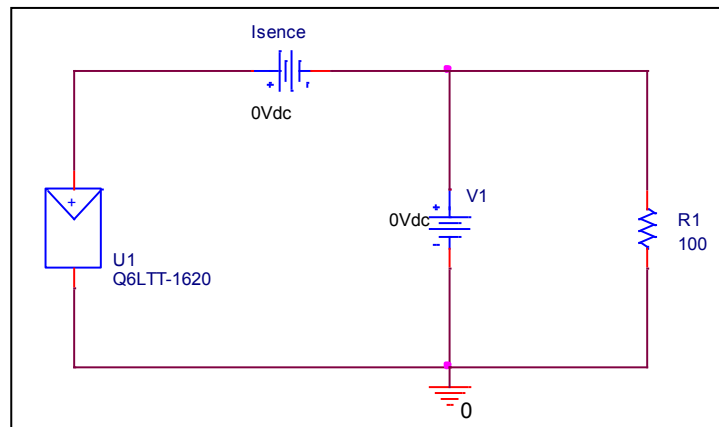
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



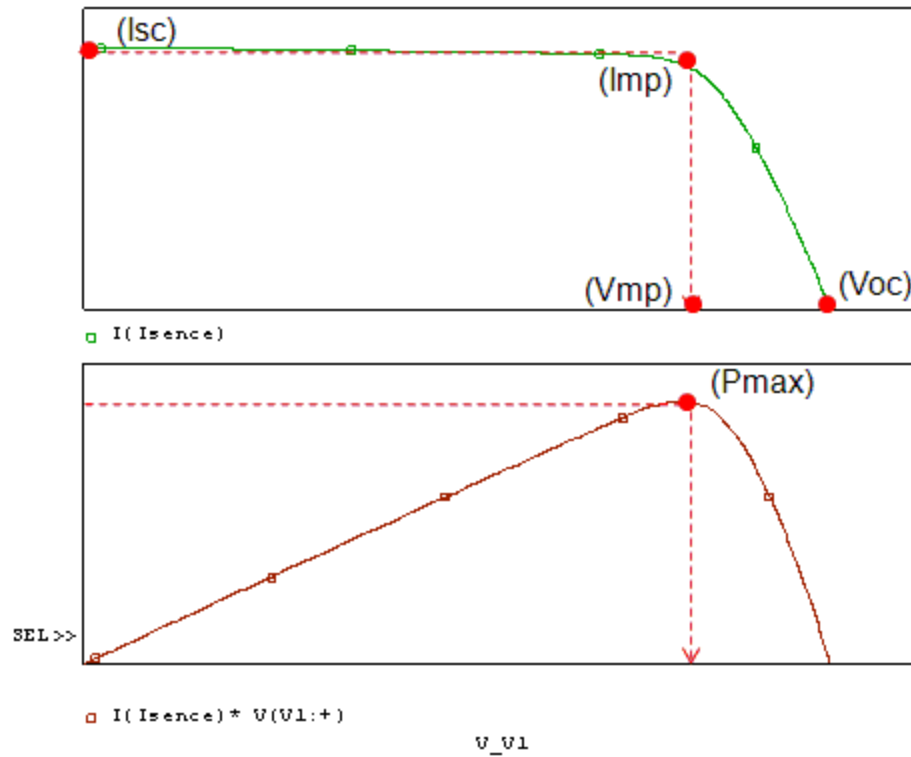
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.9400	3.9227	-0.439
Vmp	0.5026	0.5020	-0.110
Imp	7.8400	7.8141	-0.330
Voc	0.6170	0.6154	-0.265
Isc	8.1600	8.1600	0.000

Data Information

No. Q6LTT-1620	
Maximum output (Pmax)	3.9400(W)
Maximum power voltage (Vmp)	0.5026(V)
Maximum power current (Imp)	7.8400(A)
Open circuit voltage (Voc)	0.6170(V)
Short circuit current (Isc)	8.1600(A)