

Device Modeling Report

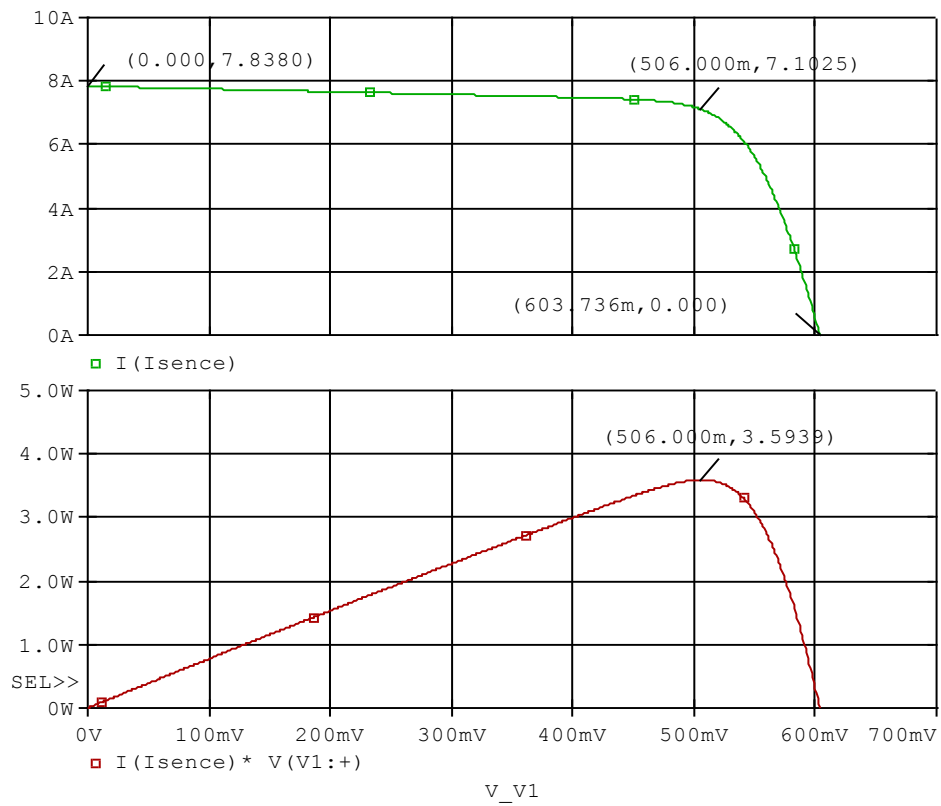
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1480
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.6(W)$



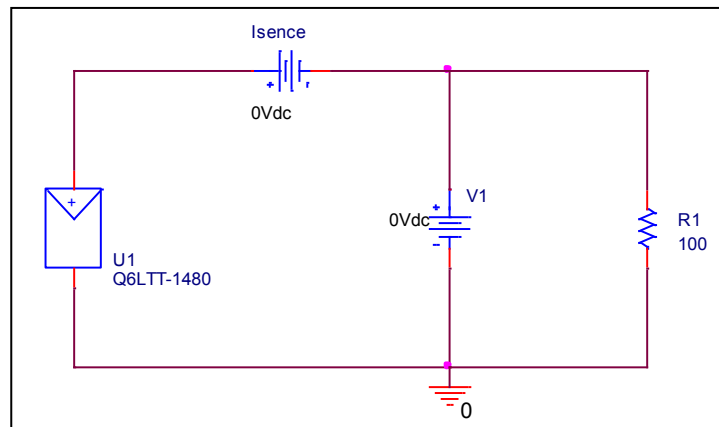
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



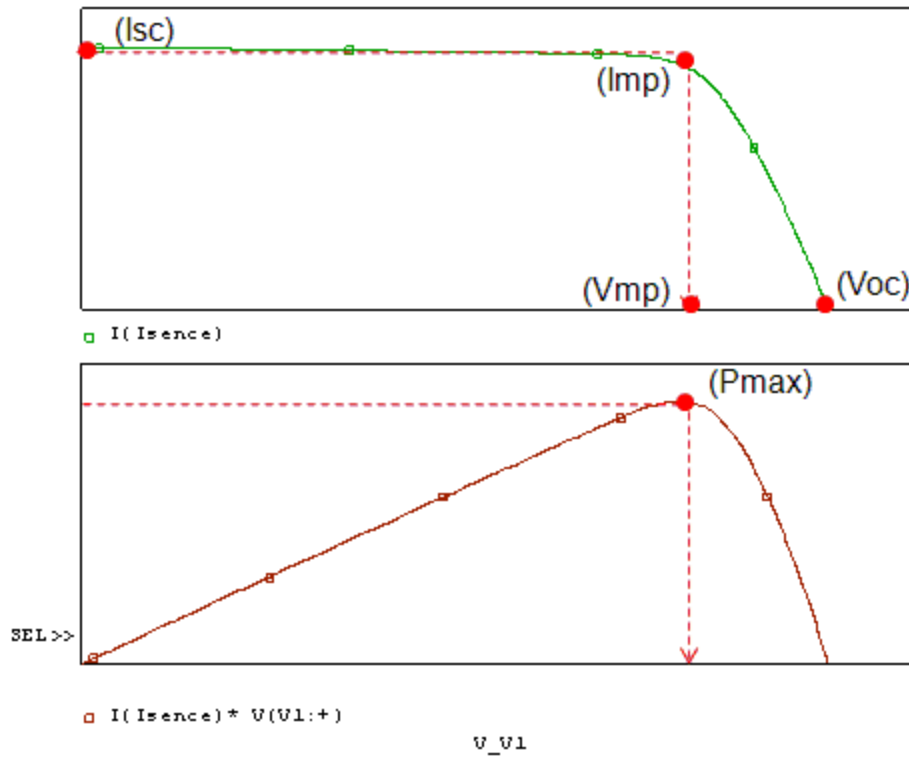
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.6000	3.5939	-0.169
Vmp	0.5063	0.5060	-0.065
Imp	7.1100	7.1025	-0.105
Voc	0.6040	0.6037	-0.044
Isc	7.8500	7.8380	-0.153

Data Information

No. Q6LTT-1480	
Maximum output (Pmax)	3.6000(W)
Maximum power voltage (Vmp)	0.5063(V)
Maximum power current (Imp)	7.1100(A)
Open circuit voltage (Voc)	0.6040(V)
Short circuit current (Isc)	7.8500(A)