

Device Modeling Report

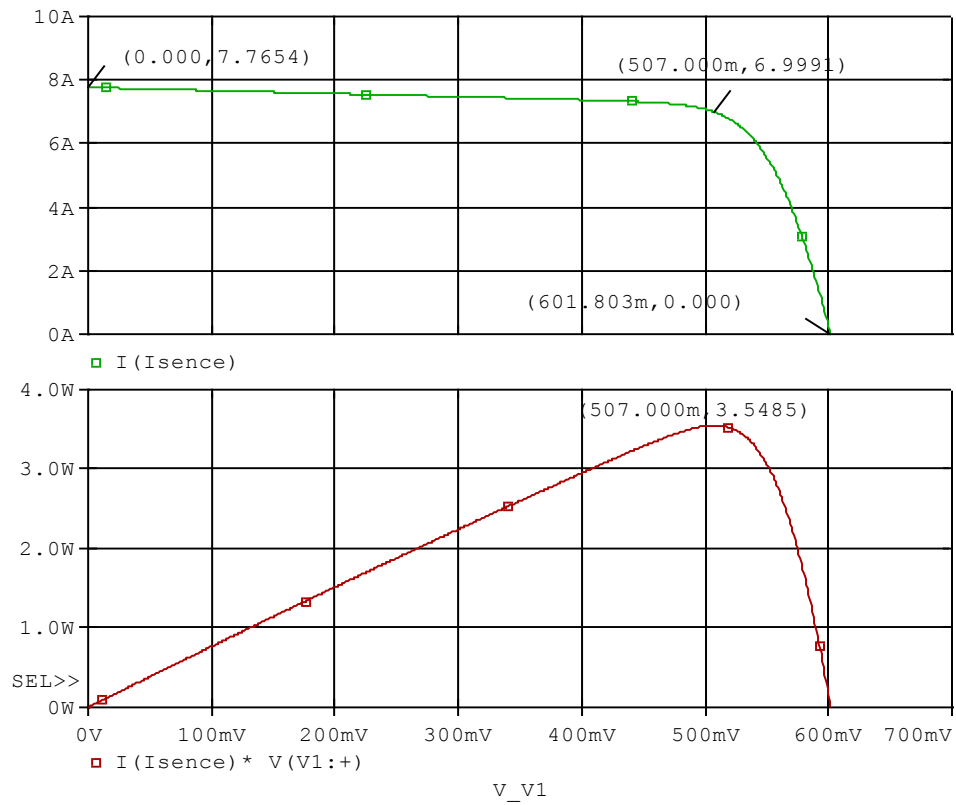
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT3-1460
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.55(W)$



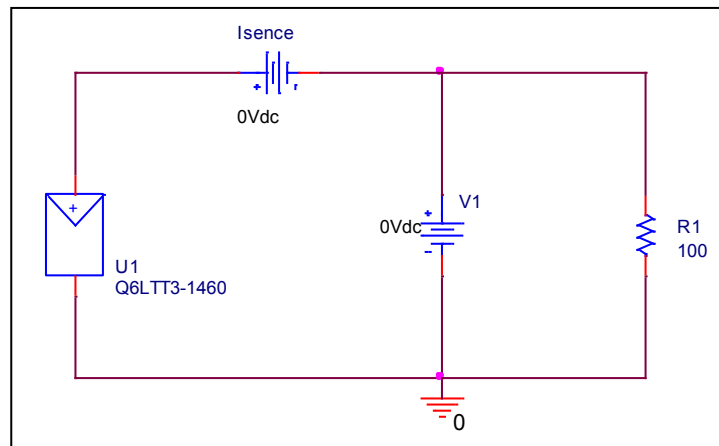
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



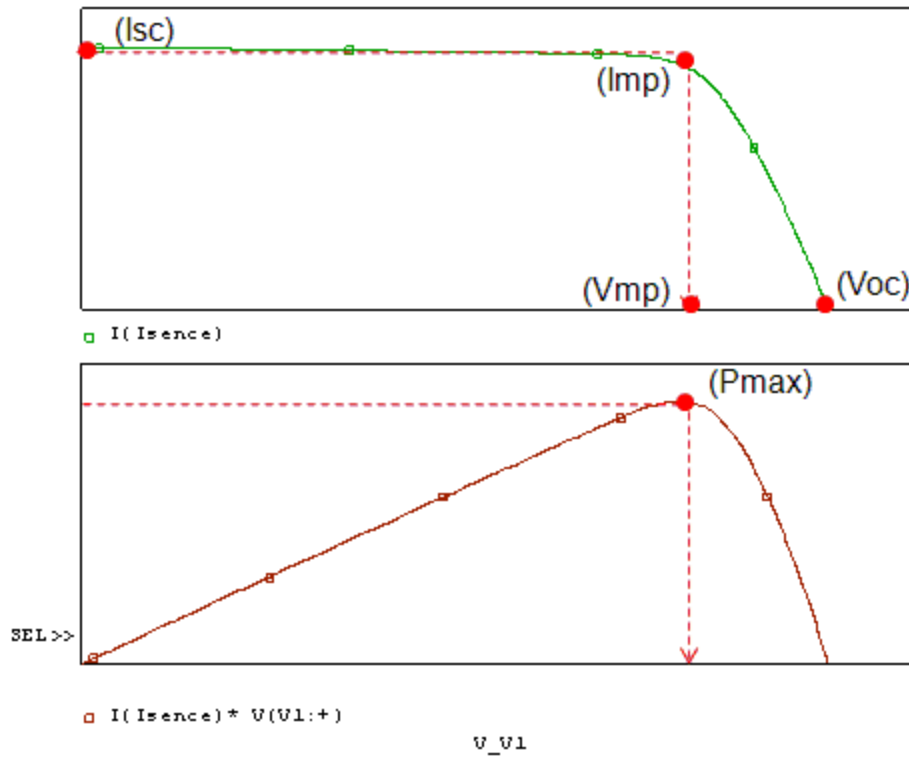
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.5500	3.5485	-0.042
Vmp	0.5071	0.5070	-0.028
Imp	7.0000	6.9991	-0.013
Voc	0.6020	0.6018	-0.033
Isc	7.7700	7.7654	-0.059

Data Information

No. Q6LTT3-1460	
Maximum output (Pmax)	3.5500(W)
Maximum power voltage (Vmp)	0.5071(V)
Maximum power current (Imp)	7.0000(A)
Open circuit voltage (Voc)	0.6020(V)
Short circuit current (Isc)	7.7700(A)