

Device Modeling Report

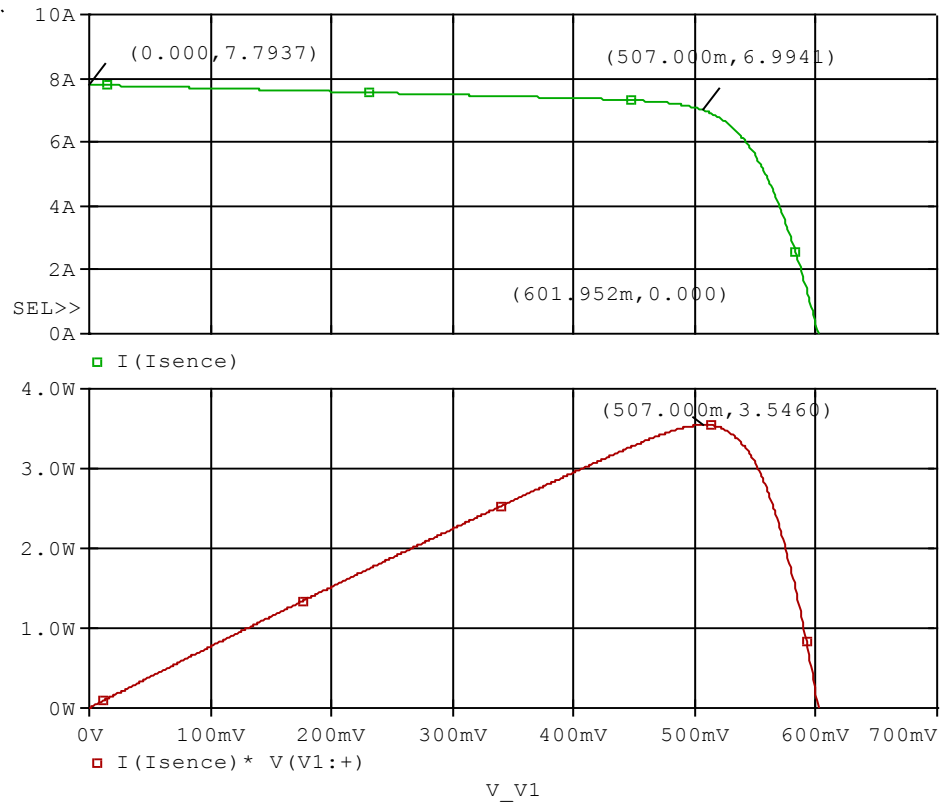
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1460
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.55(W)$



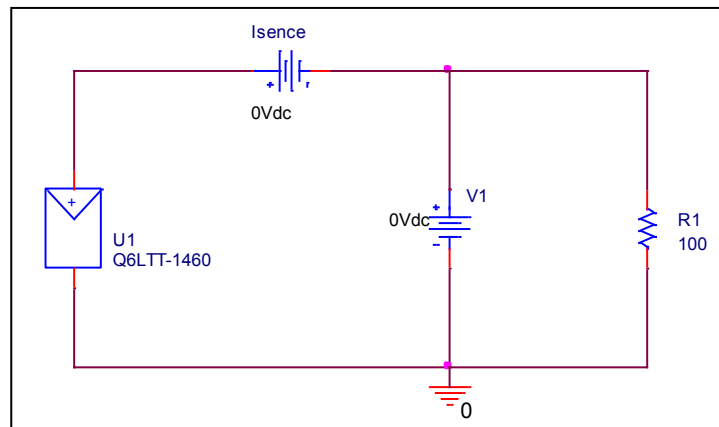
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



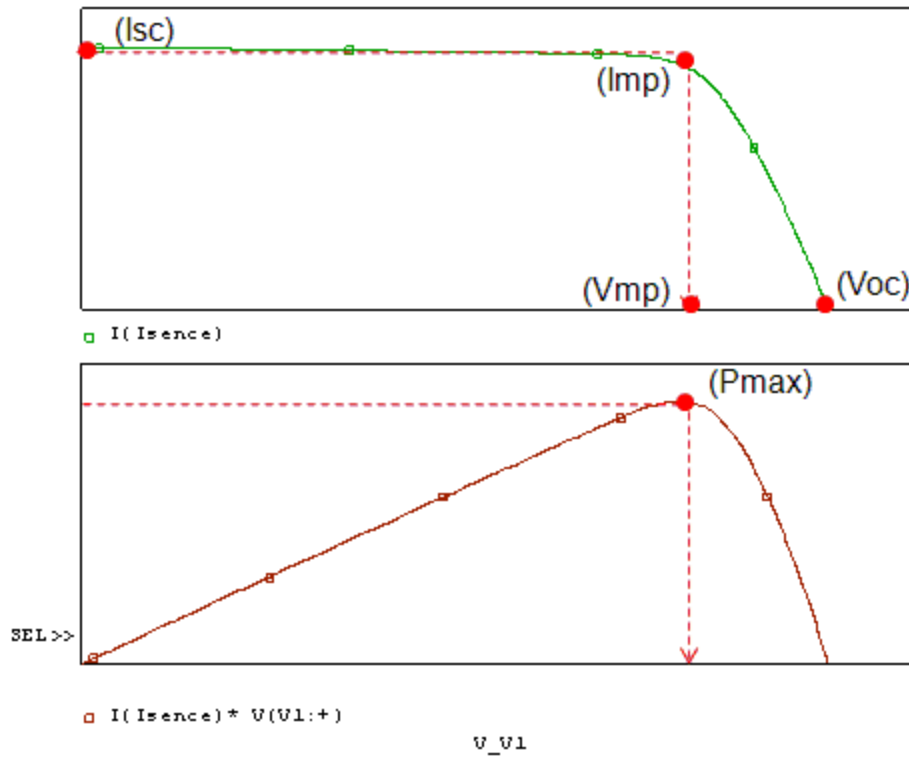
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.5500	3.5460	-0.113
Vmp	0.5071	0.5070	-0.028
Imp	7.0000	6.9941	-0.084
Voc	0.6020	0.6020	-0.008
Isc	7.8000	7.7937	-0.081

Data Information

No. Q6LTT-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)	7.8000(A)