

Device Modeling Report

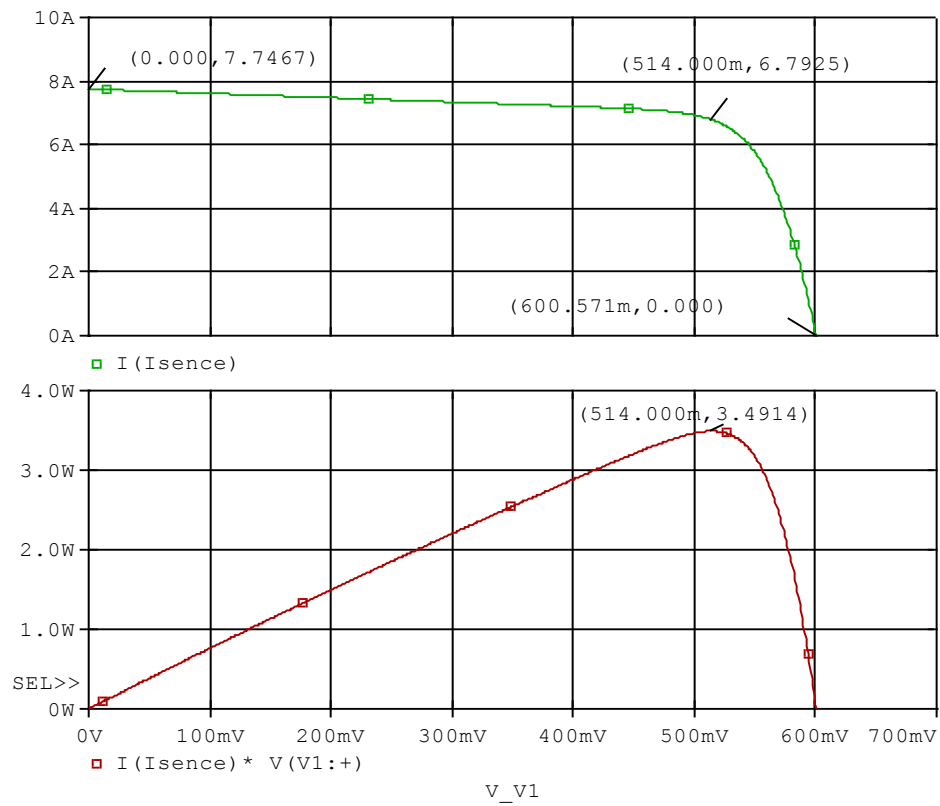
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1440
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.5(W)$



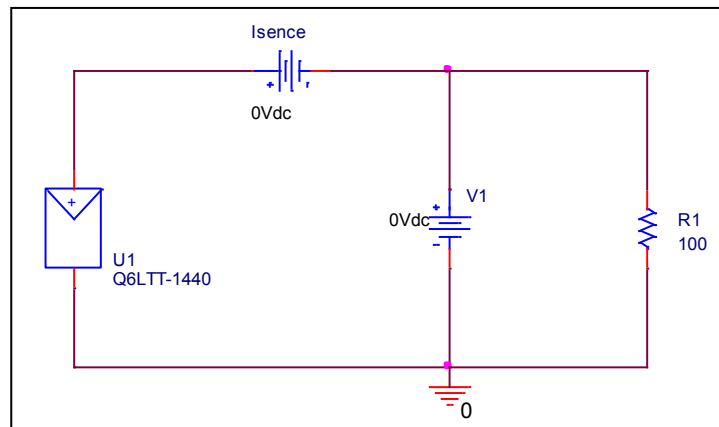
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



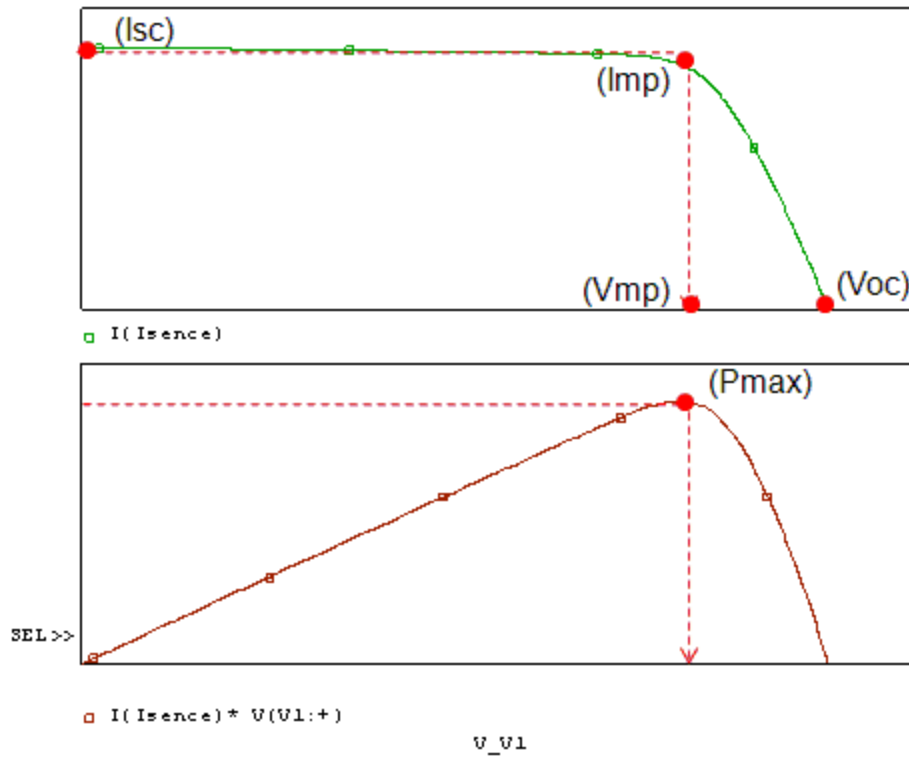
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.5000	3.4914	-0.246
Vmp	0.5147	0.5140	-0.137
Imp	6.8000	6.7925	-0.110
Voc	0.6010	0.6005	-0.080
Isc	7.7600	7.7467	-0.171

Data Information

No. Q6LTT-1440	
Maximum output (Pmax)	3.5000(W)
Maximum power voltage (Vmp)	0.5147(V)
Maximum power current (Imp)	6.8000(A)
Open circuit voltage (Voc)	0.6010(V)
Short circuit current (Isc)	7.7600(A)