

Device Modeling Report

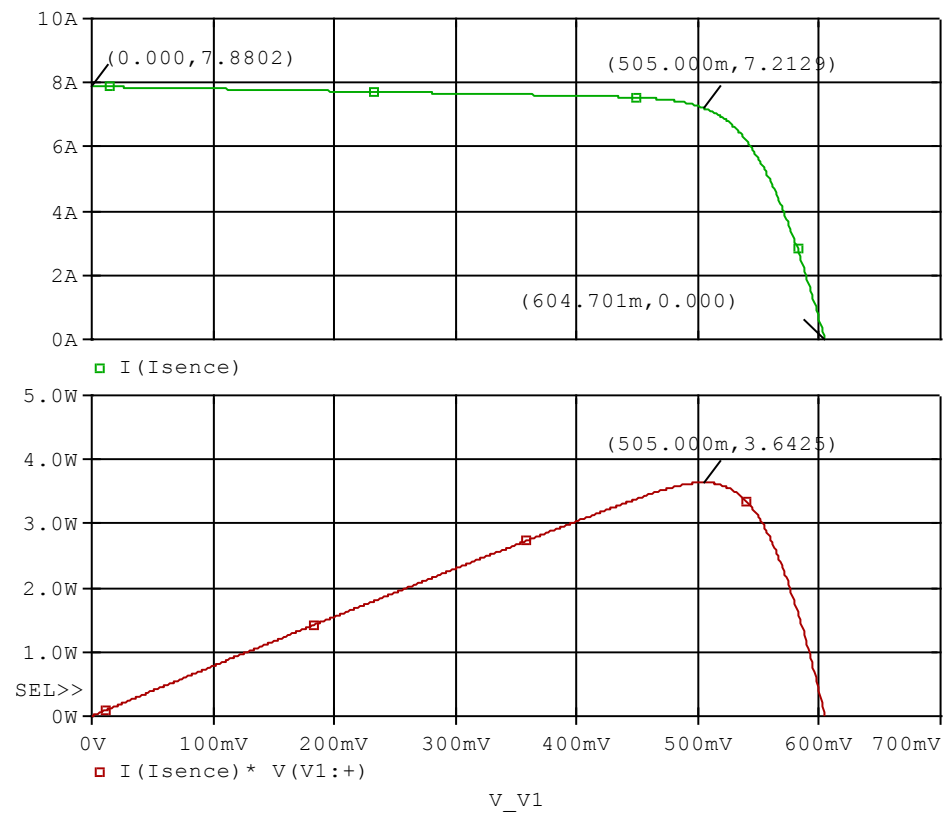
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT-1500
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.65(W)$



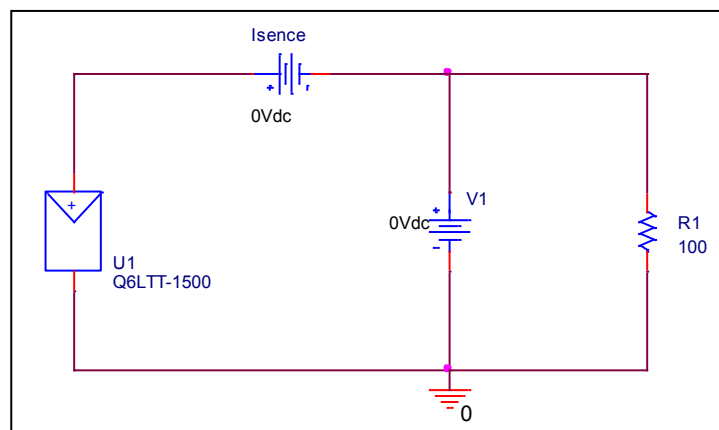
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



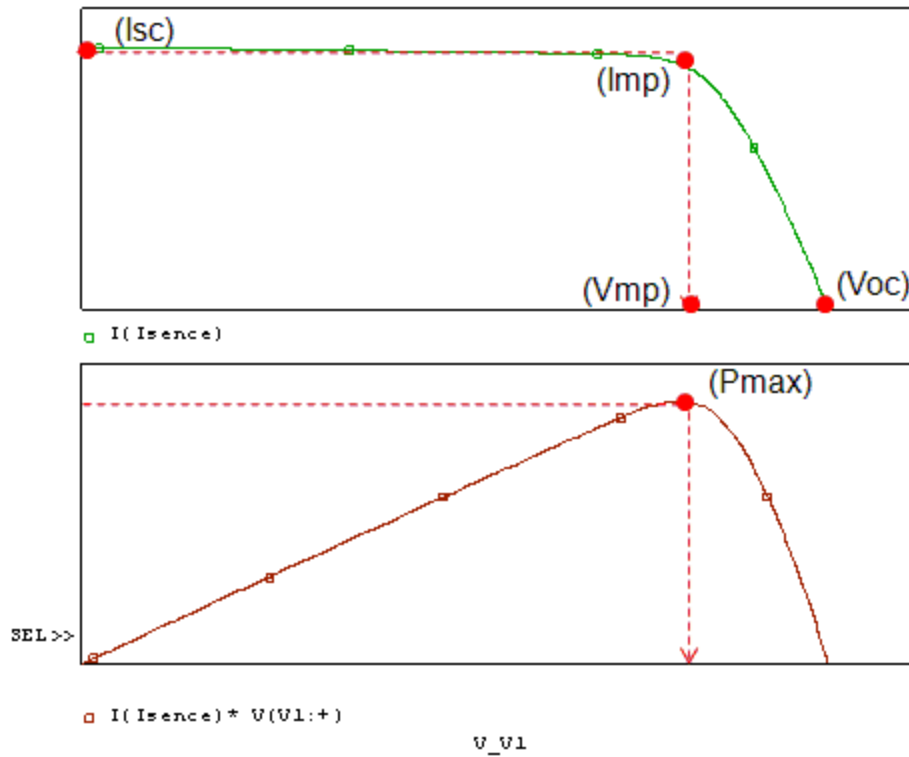
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.6500	3.6425	-0.205
Vmp	0.5055	0.5050	-0.107
Imp	7.2200	7.2129	-0.098
Voc	0.6050	0.6047	-0.049
Isc	7.8900	7.8802	-0.124

Data Information

No. Q6LTT-1500	
Maximum output (Pmax)	3.6500(W)
Maximum power voltage (Vmp)	0.5055(V)
Maximum power current (Imp)	7.2200(A)
Open circuit voltage (Voc)	0.6050(V)
Short circuit current (Isc)	7.8900(A)