

Device Modeling Report

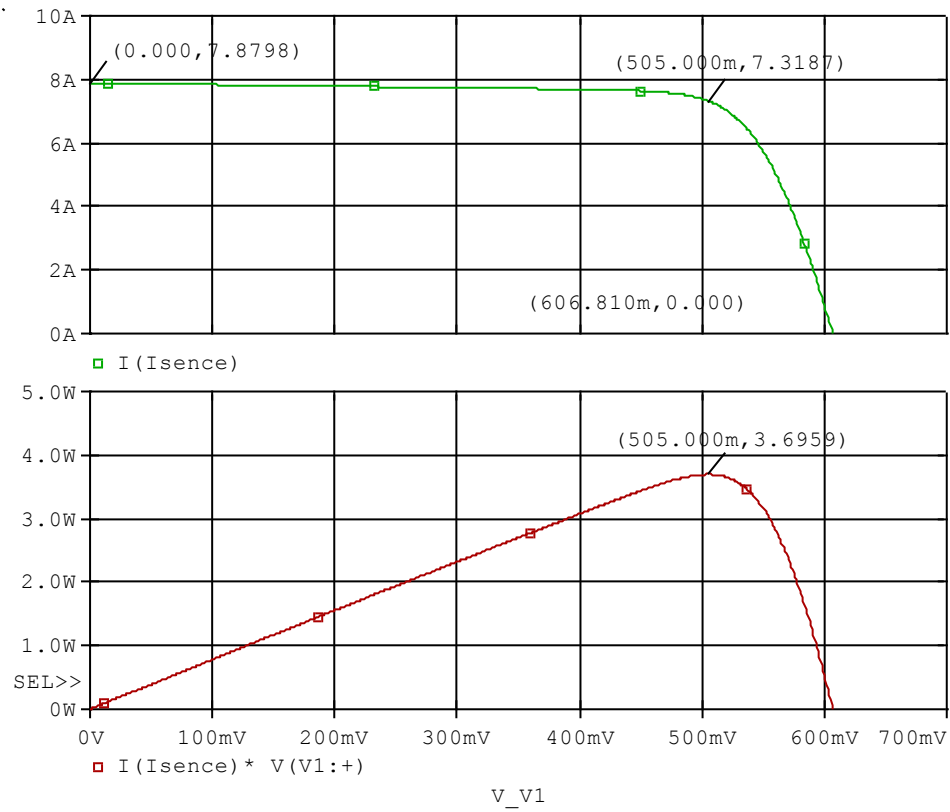
COMPONENTS: Solar Cell
PART NUMBER: Q6LTT3-1520
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.7(W)$



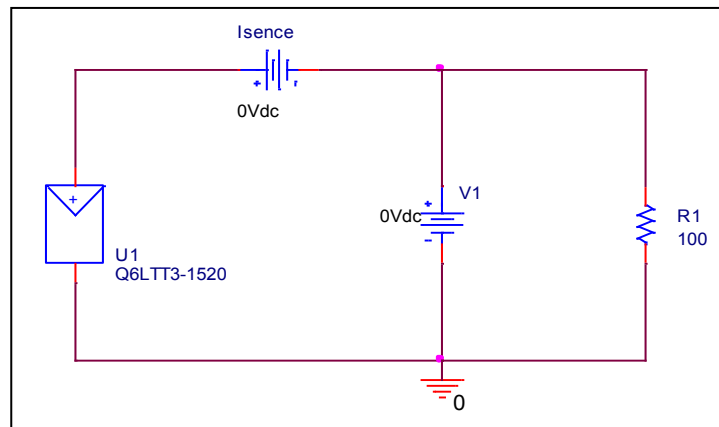
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



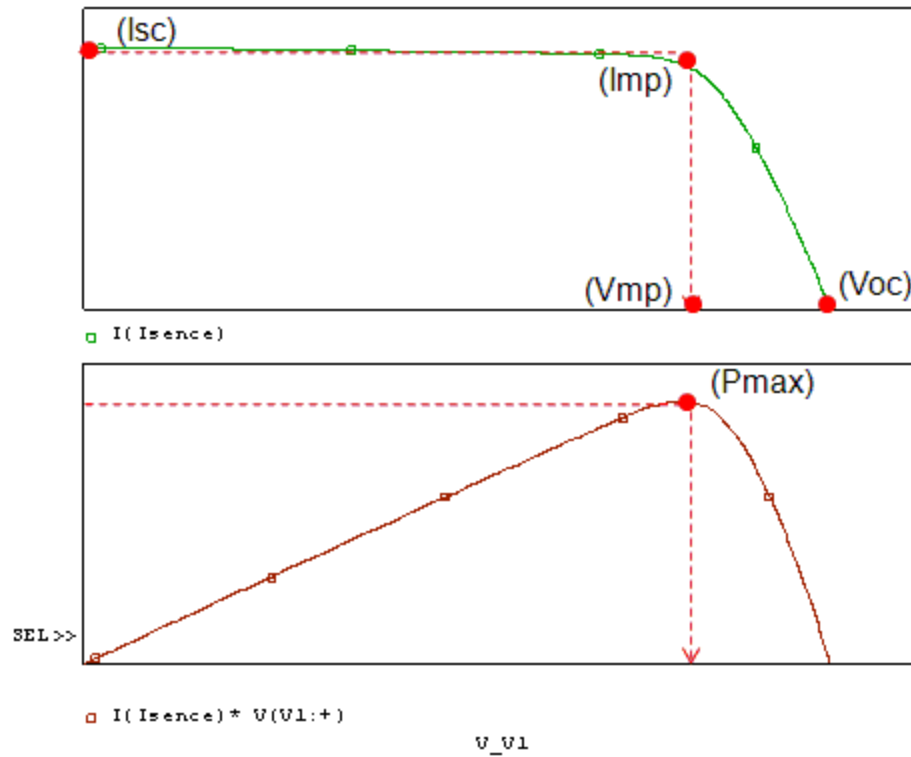
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.7000	3.6959	-0.111
Vmp	0.5055	0.5050	-0.092
Imp	7.3200	7.3187	-0.018
Voc	0.6070	0.6068	-0.031
Isc	7.8900	7.8798	-0.129

Data Information

No. Q6LTT3-1520	
Maximum output (Pmax)	3.7000(W)
Maximum power voltage (Vmp)	0.5055(V)
Maximum power current (Imp)	7.3200(A)
Open circuit voltage (Voc)	0.6070(V)
Short circuit current (Isc)	7.8900(A)