

Device Modeling Report

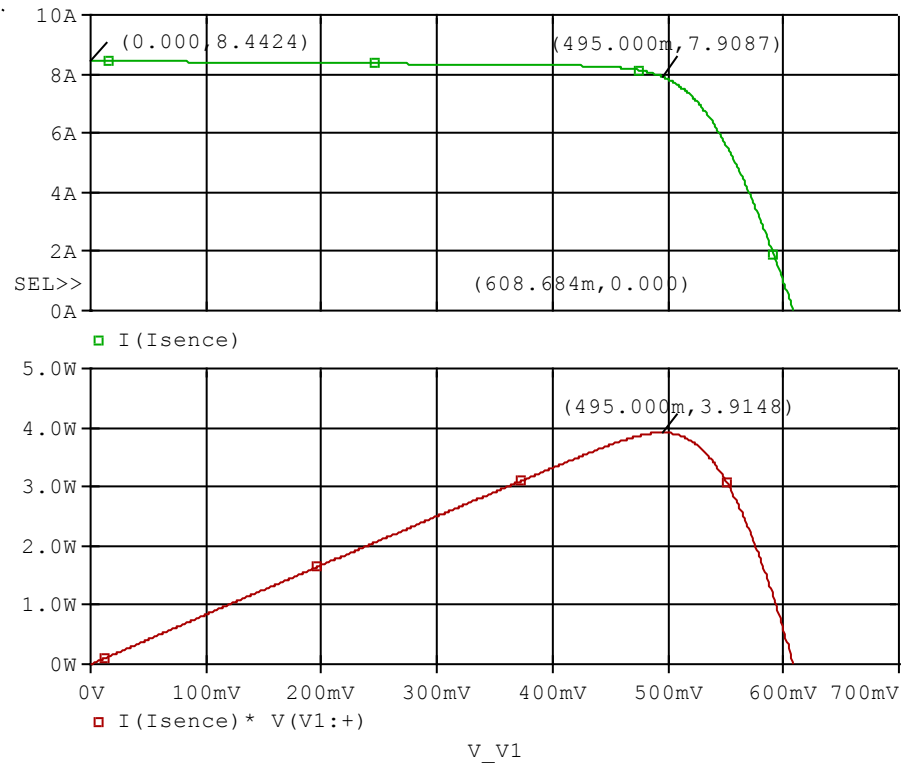
COMPONENTS: Solar Cell
PART NUMBER: Q6LM-1660
MANUFACTURER: Q.CELLS
REMARK: $P_{max}=3.92(W)$



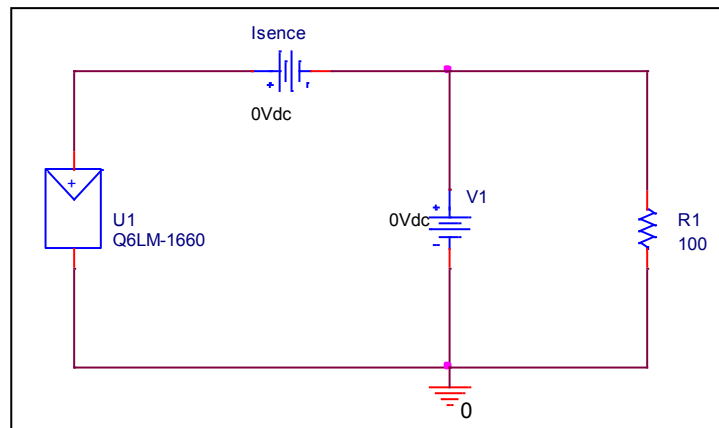
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



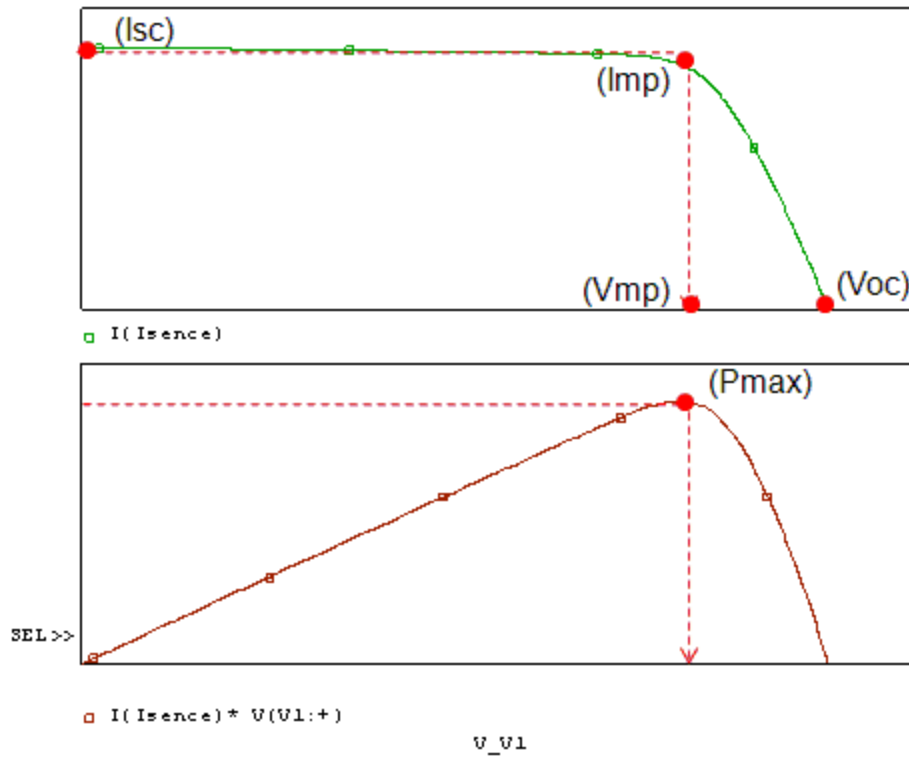
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	3.9200	3.9148	-0.133
Vmp	0.4956	0.4950	-0.116
Imp	7.9100	7.9087	-0.016
Voc	0.6090	0.6087	-0.052
Isc	8.4500	8.4424	-0.090

Data Information

No. Q6LM-1660	
Maximum output (Pmax)	3.92(W)
Maximum power voltage (Vmp)	0.4956(V)
Maximum power current (Imp)	7.91(A)
Open circuit voltage (Voc)	0.609(V)
Short circuit current (Isc)	8.45(A)