

Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: Q6LTT3-1480
MANUFACTURER: Q.CELLS
REMARK: Pmax=3.6(W)
REPORT of SolarCells (LTspice IV)



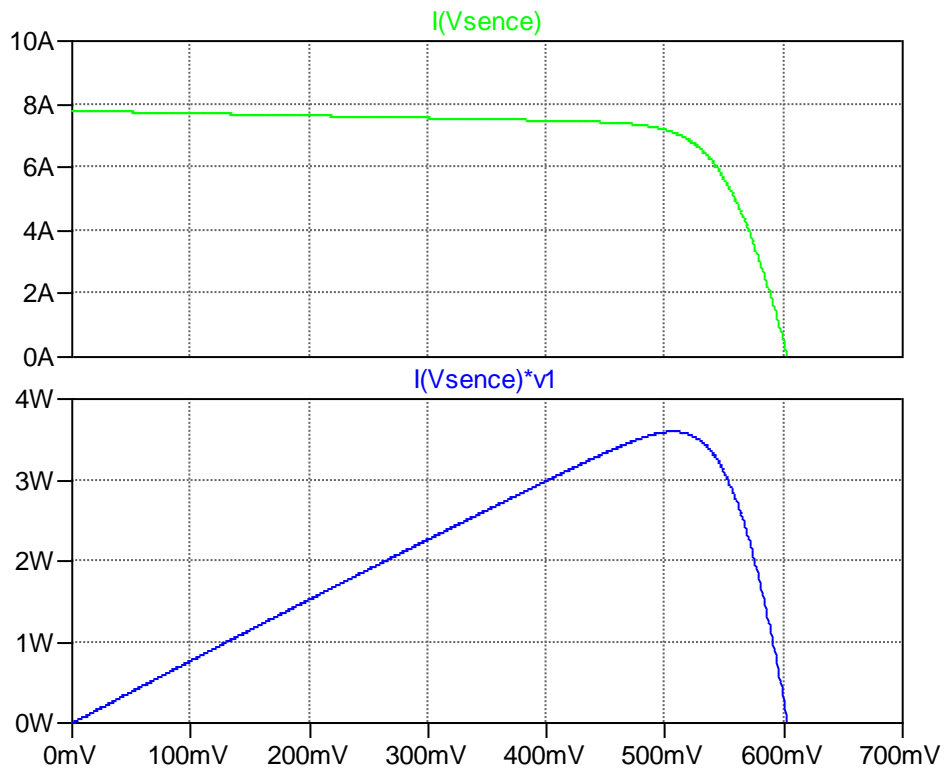
Bee Technologies Inc.

Circuit Configuration

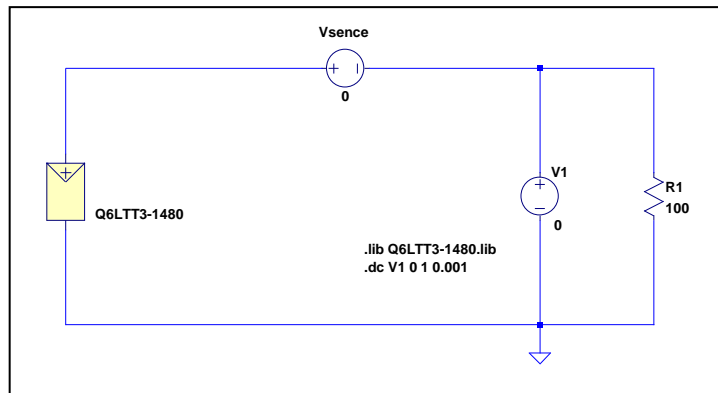


Output Characteristic

Circuit Simulation Result



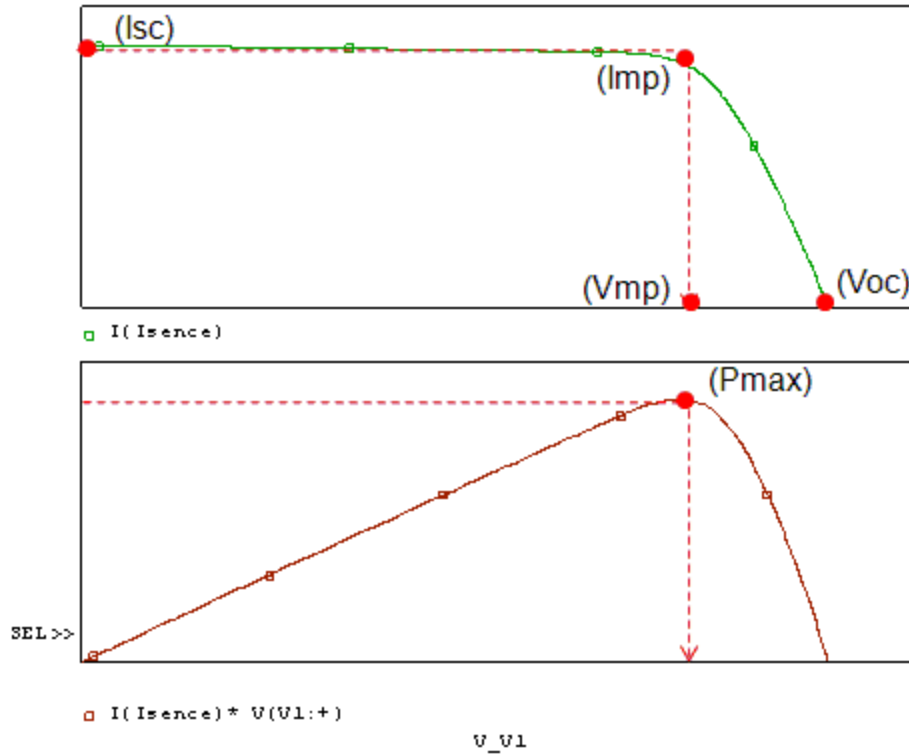
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

| Symbol | Measurement | Simulation | %Error |
|--------|-------------|------------|--------|
| Pmax | 3.6000 | 3.5972 | -0.078 |
| Vmp | 0.5063 | 0.5060 | -0.065 |
| Imp | 7.1100 | 7.1092 | -0.011 |
| Voc | 0.6030 | 0.6029 | -0.008 |
| Isc | 7.8000 | 7.7913 | -0.112 |

Data Information

| | |
|-----------------------------|-----------|
| No. Q6LTT3-1480 | |
| Maximum output (Pmax) | 3.6000(W) |
| Maximum power voltage (Vmp) | 0.5063(V) |
| Maximum power current (Imp) | 7.1100(A) |
| Open circuit voltage (Voc) | 0.6030(V) |
| Short circuit current (Isc) | 7.8000(A) |