

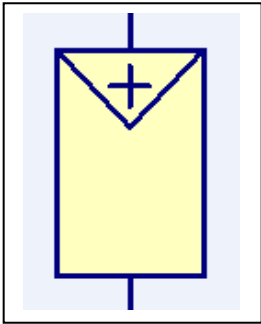
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: MT120
MANUFACTURER: MITSUBISHI HEAVY INDUSTRIES
REMARK: $P_{max} = 120(W)$
REPORT of SolarCells (LTspice IV)



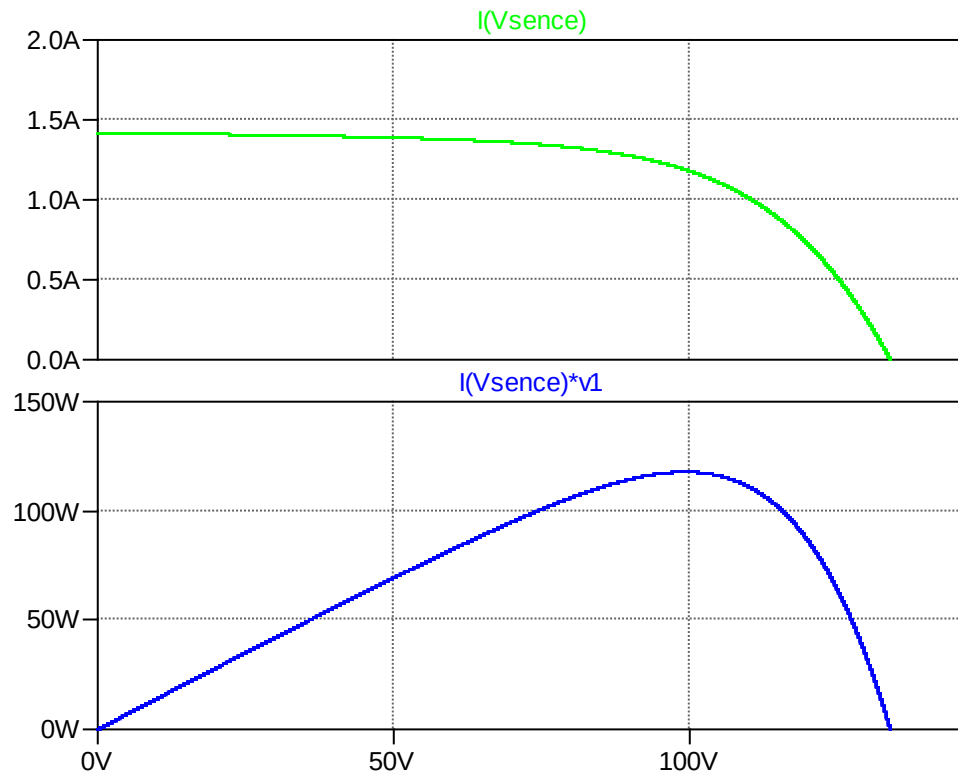
Bee Technologies Inc.

Circuit Configuration

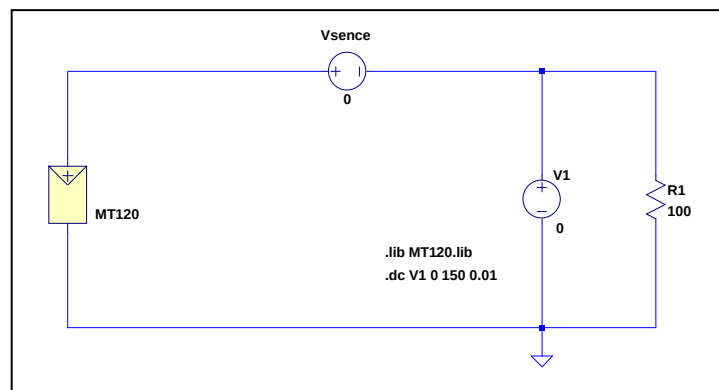


Output Characteristic

Circuit Simulation Result



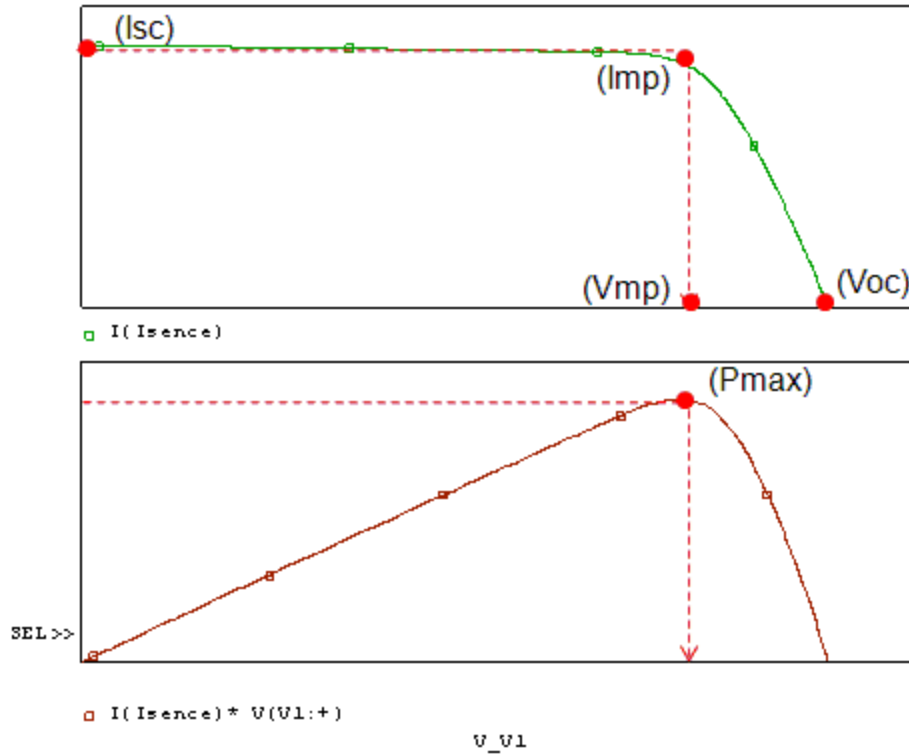
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	120.000	117.743	-1.881
Vmp	101.000	99.122	-1.859
Imp	1.190	1.188	-0.176
Voc	131.000	133.844	2.171
Isc	1.420	1.418	-0.155

Data Information

No. MT120	
Maximum output (Pmax)	120.000
Maximum power voltage (Vmp)	101.000
Maximum power current (Imp)	1.190
Open circuit voltage (Voc)	131.000
Short circuit current (Isc)	1.420