

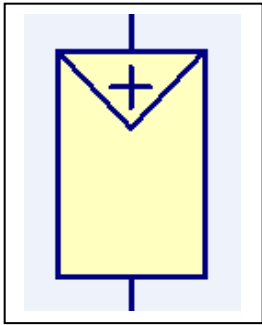
Device Modeling Report

COMPONENTS: Solar Cell
PART NUMBER: PCA215
MANUFACTURER: YOCASOL
REMARK: $P_{max}=215(W)$
REPORT of Solar Cells (LTspice IV)



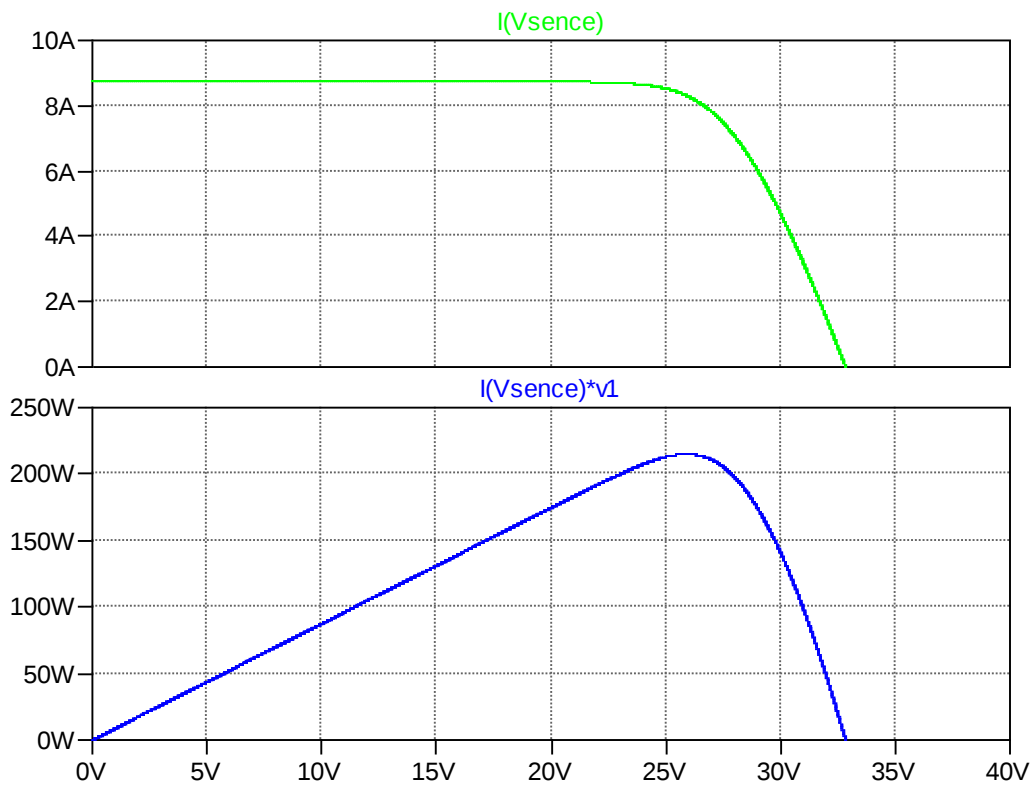
Bee Technologies Inc.

Circuit Configuration

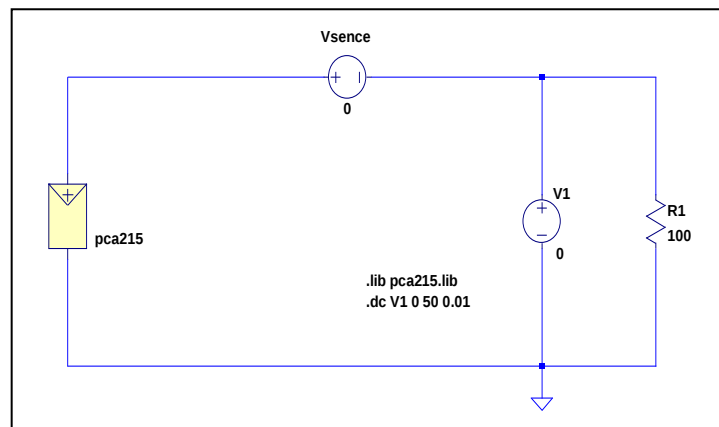


Output Characteristic

Circuit Simulation Result



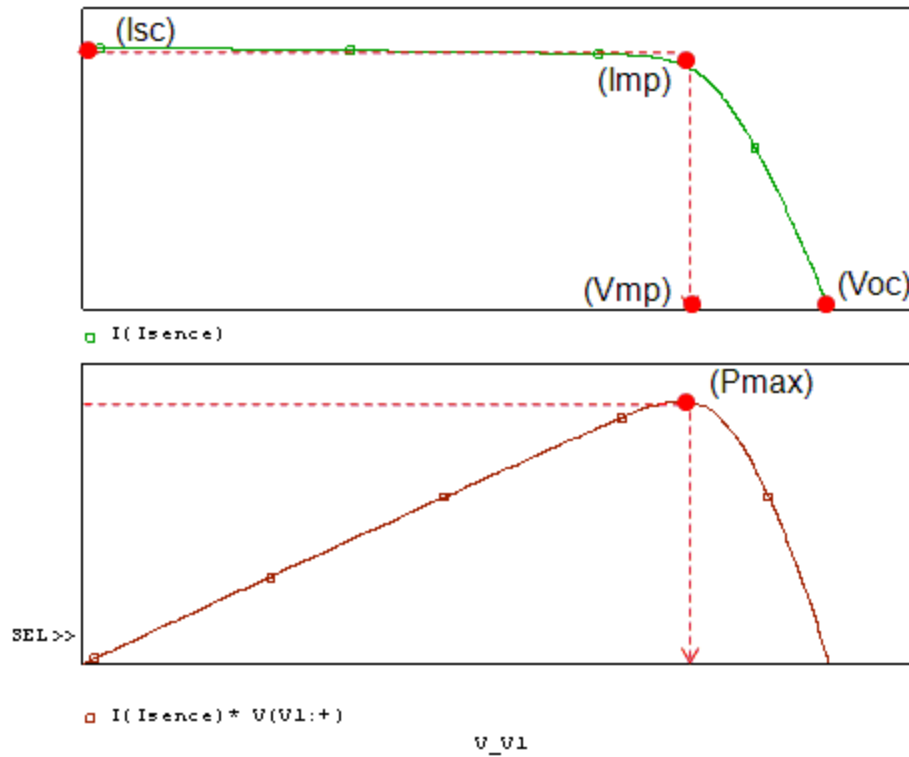
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	215.000	214.9920	-0.0037
Vmp	25.900	25.8800	-0.0772
Imp	8.310	8.3073	-0.0325
Voc	33.000	32.8100	-0.5758
Isc	8.770	8.7699	-0.0011

Data Information

No. PCA215	
Maximum output (Pmax)	215W
Maximum power voltage (Vmp)	25.9V
Maximum power current (Imp)	8.31A
Open circuit voltage (Voc)	33.0V
Short circuit current (Isc)	8.77A