

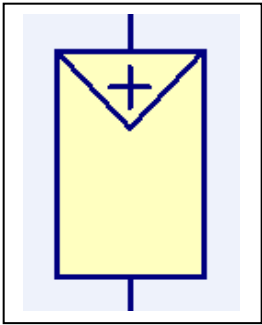
# Device Modeling Report

COMPONENTS: Solar Cell  
PART NUMBER: PCA205  
MANUFACTURER: YOCASOL  
REMARK:Pmax=205(W)  
REPORT of Solar Cells (LTspice IV)



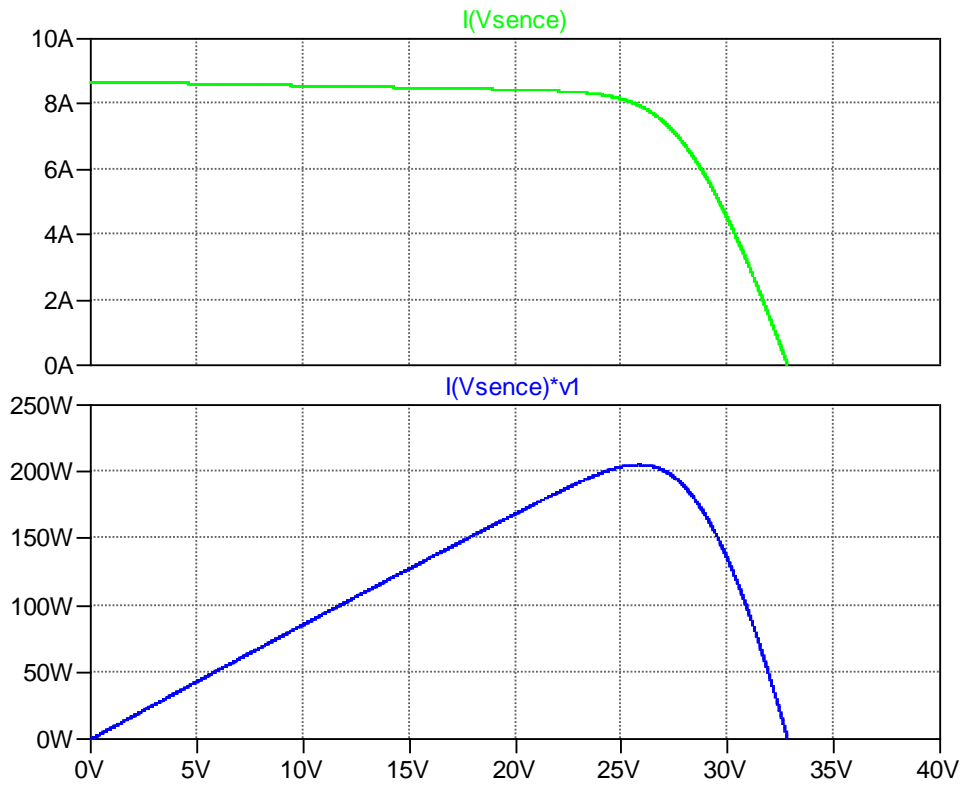
**Bee Technologies Inc.**

# Circuit Configuration

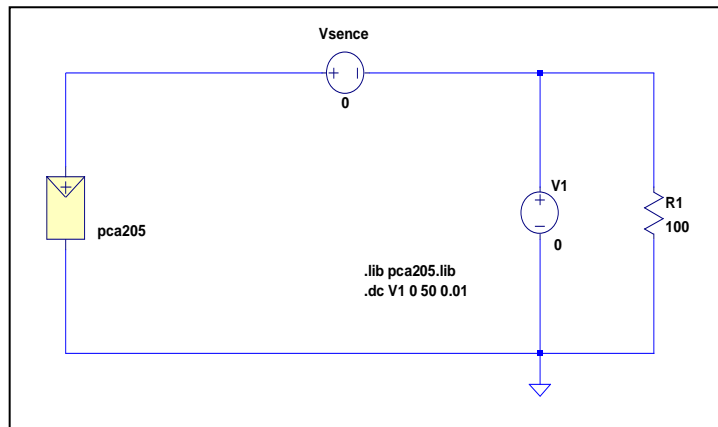


# Output Characteristic

## Circuit Simulation Result



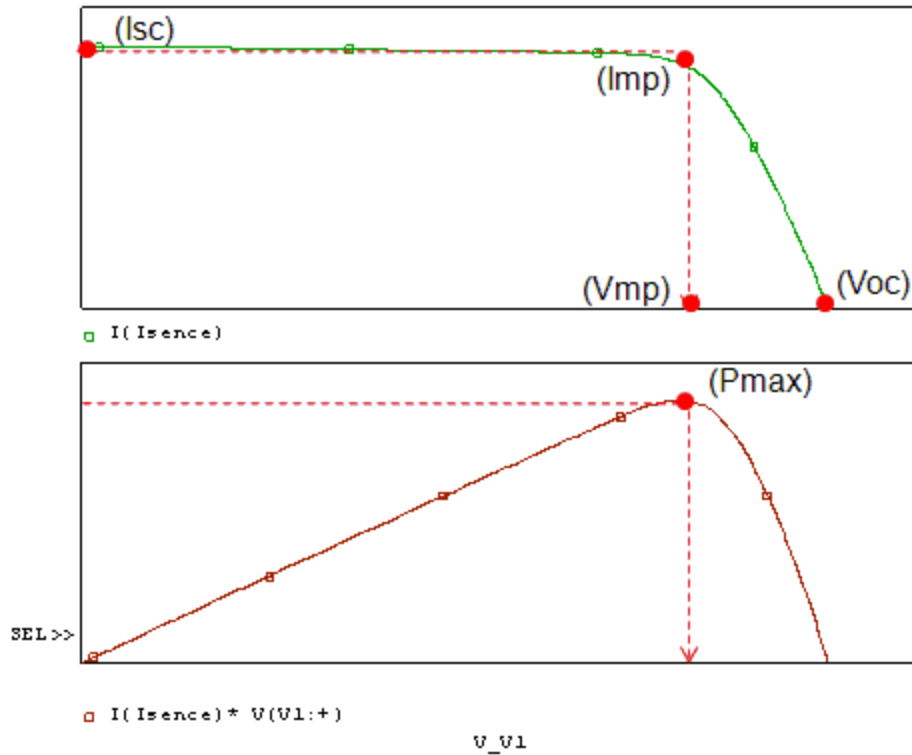
## Simulation Circuit



## Output Characteristic

## Reference

### Circuit Simulation Result



### Data Table

Symbol	Measurement	Simulation	%Error
Pmax	205.000	205.2630	0.1283
Vmp	25.800	25.7900	-0.0388
Imp	7.960	7.9590	-0.0126
Voc	32.900	32.7960	-0.3161
Isc	8.710	8.6890	-0.2411

## Data Information

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No. PCA205	
Maximum output (Pmax)	205W
Maximum power voltage (Vmp)	25.8V
Maximum power current (Imp)	7.96A
Open circuit voltage (Voc)	32.9V
Short circuit current (Isc)	8.71A

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