

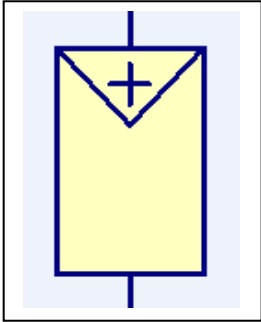
# Device Modeling Report

COMPONENTS: Solar Cell  
PART NUMBER: PV-MX185H  
MANUFACTURER: MITSUBISHI  
REMARK: Pmax=185(W)  
REPORT of SolarCells (LTspice IV)



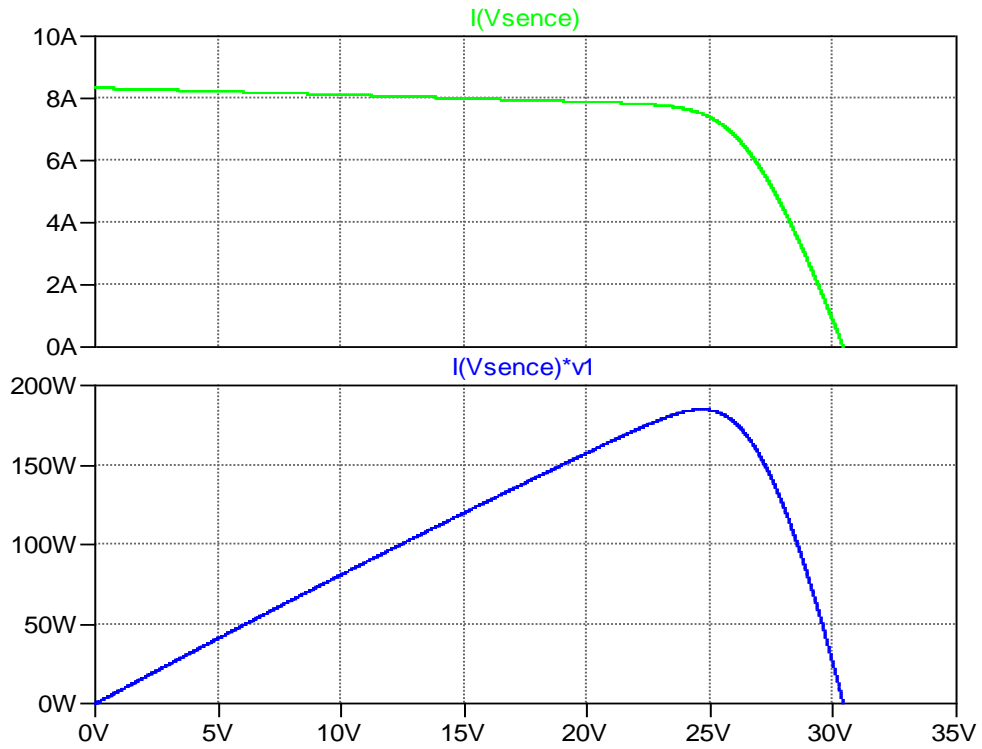
**Bee Technologies Inc.**

# Circuit Configuration

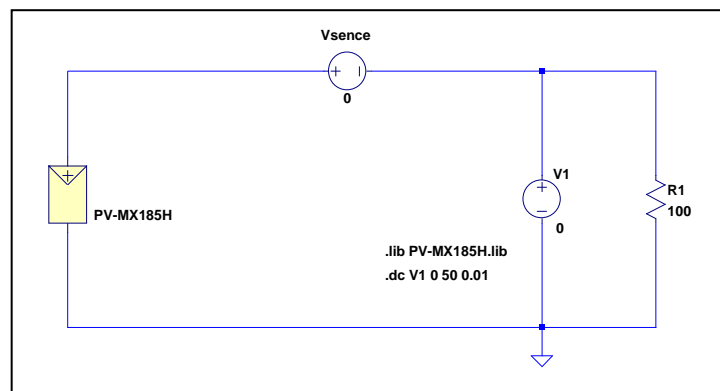


# Output Characteristic

## Circuit Simulation Result



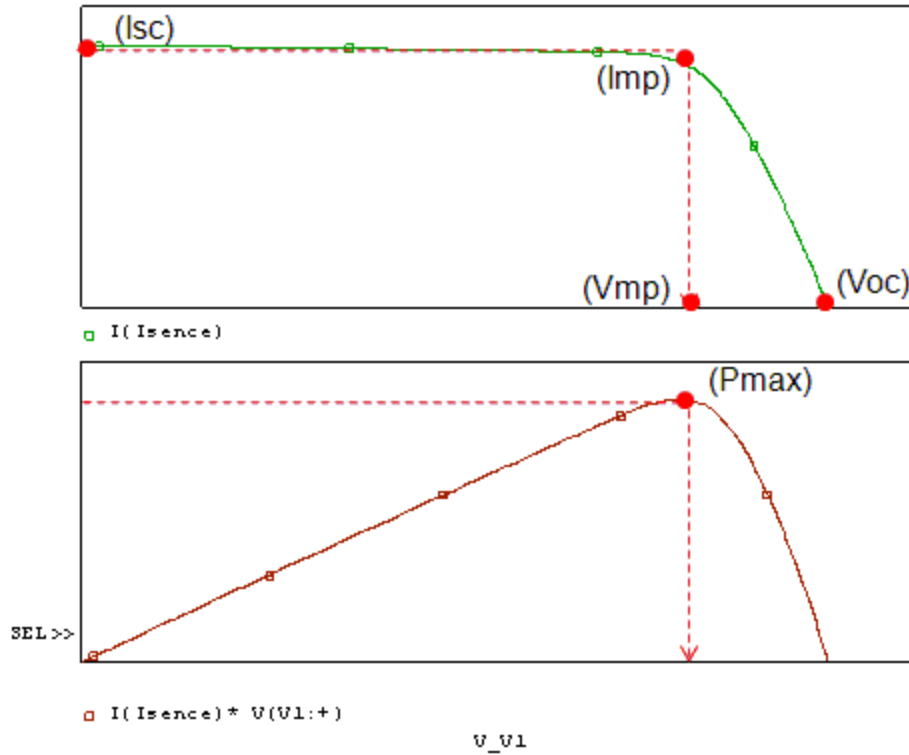
## Simulation Circuit



## Output Characteristic

## Reference

### Circuit Simulation Result



### Data Table

Symbol	Measurement	Simulation	%Error
Pmax	185.0000	184.8920	-0.058
Vmp	24.6000	24.5950	-0.020
Imp	7.5200	7.5175	-0.033
Voc	30.4000	30.3790	-0.069
Isc	8.3400	8.3400	0.000

## Data Information

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No. PV-MX185H	
Maximum output (Pmax)	185.0000
Maximum power voltage (Vmp)	24.6000
Maximum power current (Imp)	7.5200
Open circuit voltage (Voc)	30.4000
Short circuit current (Isc)	8.3400