

# Device Modeling Report

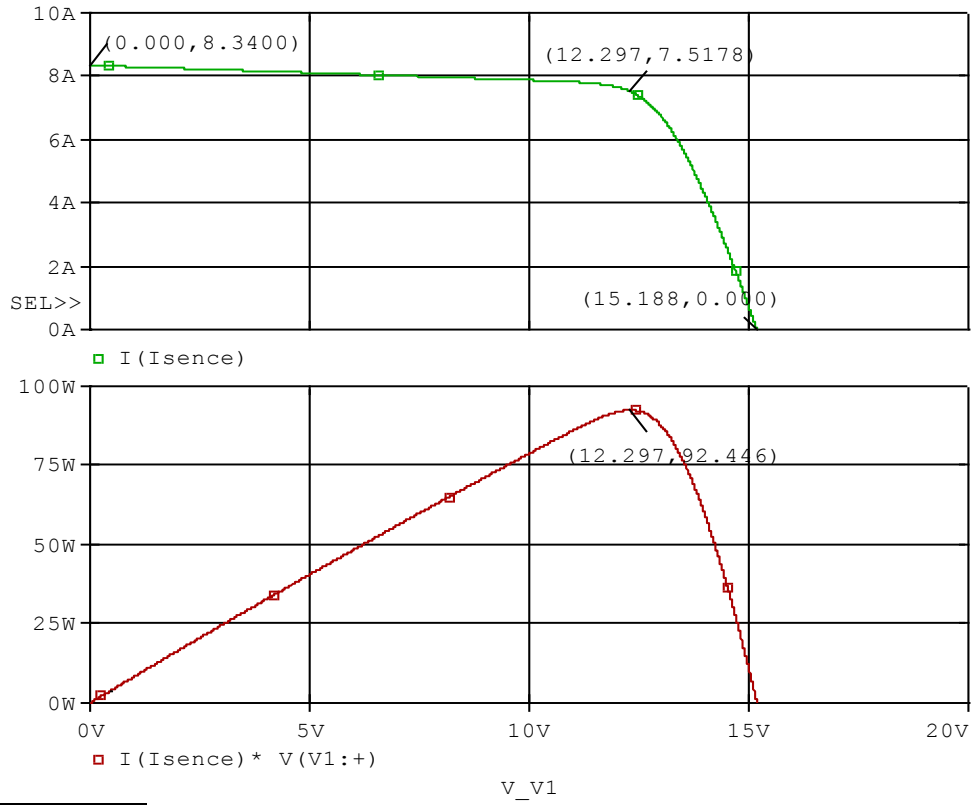
COMPONENTS: Solar Cell  
PART NUMBER: PV-MX0925HH  
MANUFACTURER: MITSUBISHI  
REMARK: Pmax=92.5(W)



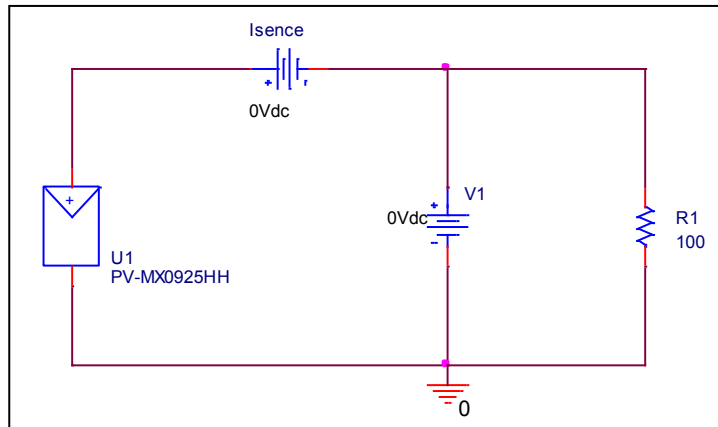
**Bee Technologies Inc.**

# Output Characteristic

## Circuit Simulation Result



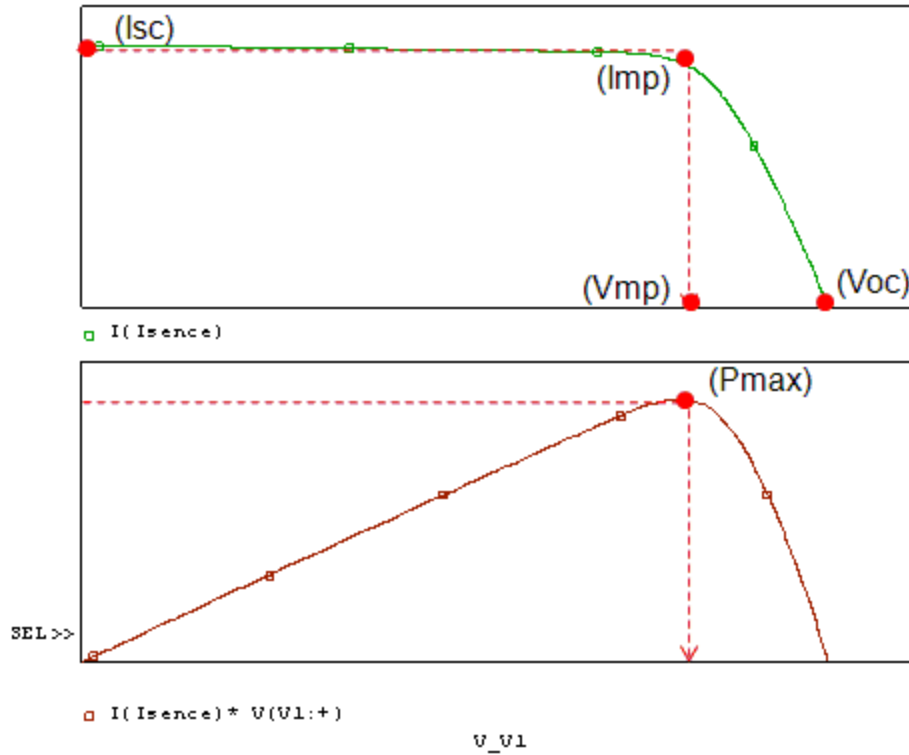
## Simulation Circuit



## Output Characteristic

## Reference

### Circuit Simulation Result



### Data Table

Symbol	Measurement	Simulation	%Error
Pmax	92.5000	92.4460	-0.058
Vmp	12.3000	12.2970	-0.024
Imp	7.5200	7.5178	-0.029
Voc	15.2000	15.1880	-0.079
Isc	8.3400	8.3400	0.000

## Data Information

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No. PV-MX0925HH	
Maximum output (Pmax)	92.5000
Maximum power voltage (Vmp)	12.3000
Maximum power current (Imp)	7.5200
Open circuit voltage (Voc)	15.2000
Short circuit current (Isc)	8.3400