

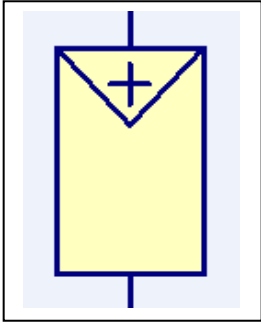
# Device Modeling Report

COMPONENTS: Solar Cell  
PART NUMBER: STP210-18\_Ud  
MUNUFACTURER: Suntech Power  
REMARK:Pmax=210 (W)  
REPORT of SolarCells (LTspice IV)



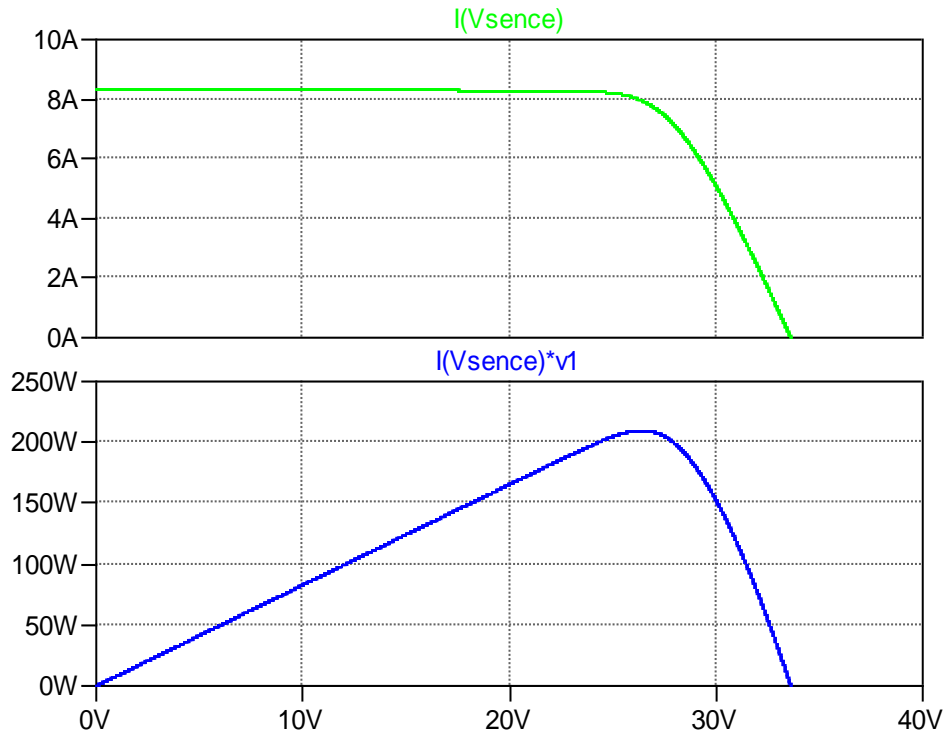
**Bee Technologies Inc.**

## Circuit Configuration

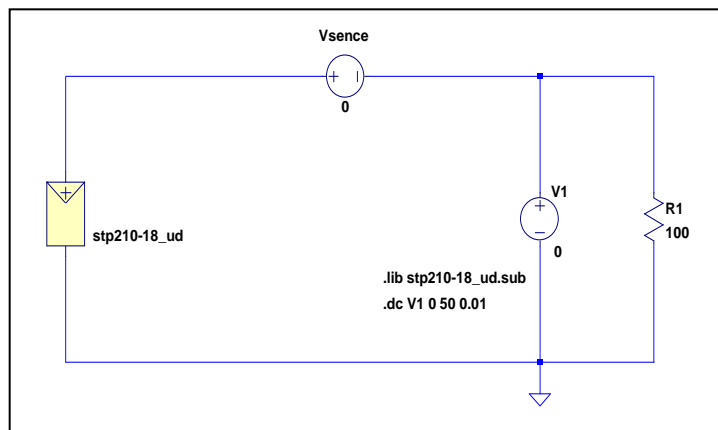


# Output Characteristic

## Circuit Simulation Result



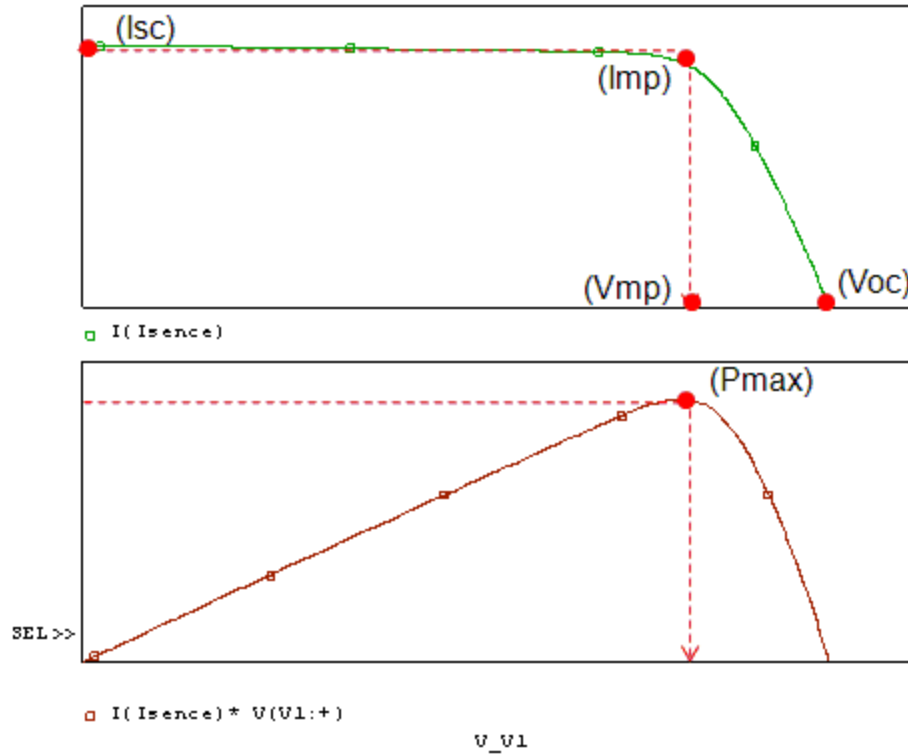
## Simulation Circuit



# Output Characteristic

# Reference

## Circuit Simulation Result



## Data Table

Symbol	Measurement	Simulation	%Error
Pmax	210.0000	209.6910	-0.147
Vmp	26.4000	26.3800	-0.076
Imp	7.9500	7.9489	-0.014
Voc	33.6000	33.5900	-0.030
Isc	8.3300	8.3300	0.000

## Data Information

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No.STP210-18/Ud	
Maximum output (Pmax)	210.0000
Maximum power voltage (Vmp)	26.4000
Maximum power current (Imp)	7.9500
Open circuit voltage (Voc)	33.6000
Short circuit current (Isc)	8.3300