

Device Modeling Report

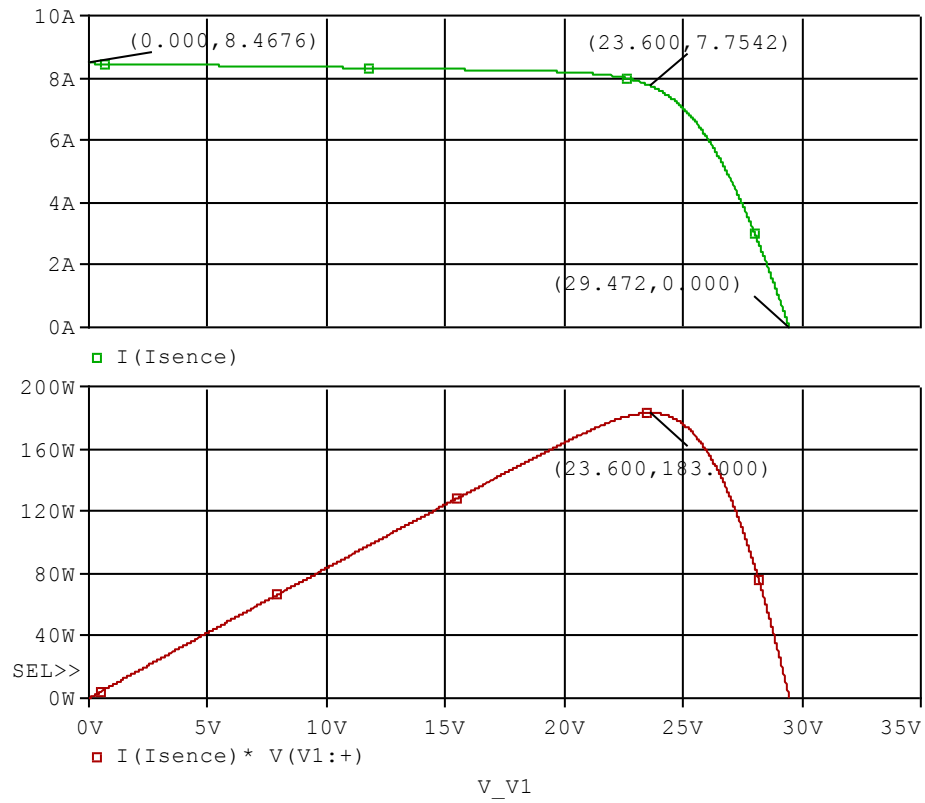
COMPONENTS: Solar Cell
PART NUMBER: KD183X-QPE-S
MUNUFACTURER: KYOCERA
REMARK: Pmax=183(W)



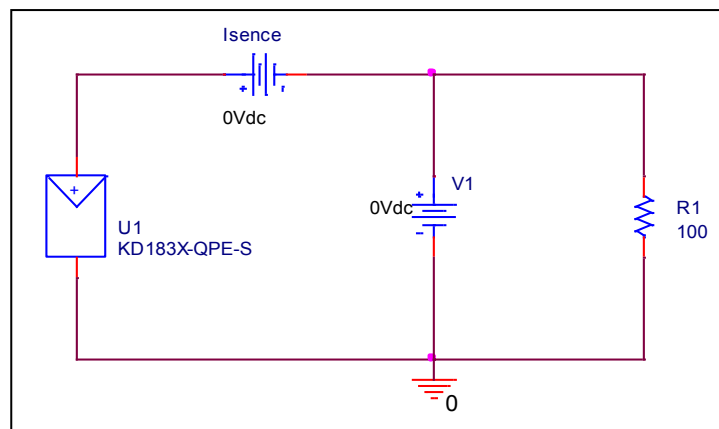
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



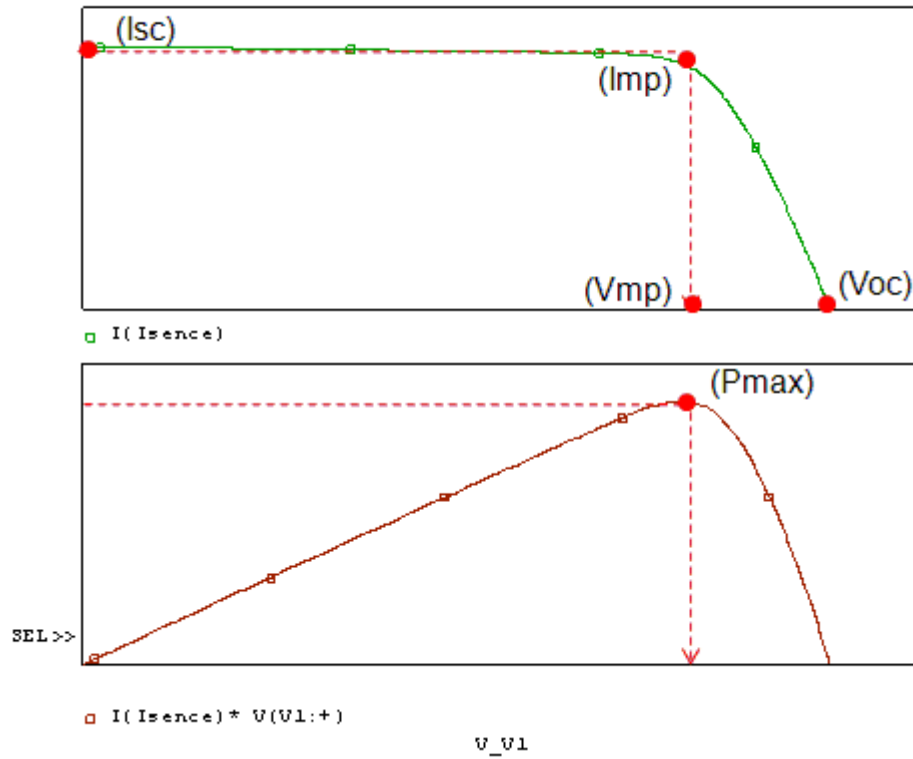
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	183.000	183.000	0.000
Vmp	23.600	23.600	0.000
Imp	7.760	7.754	-0.075
Isc	8.490	8.468	-0.264
Voc	29.500	29.472	-0.095

Data Information

No. KD183X-QPE-S	
Maximum power(Pmax)	183(W)
Voltage at Pmax(Vmp)	23.6(V)
Current at Pmax(Imp)	7.76(A)
Short-circuit current(Isc)	8.49(A)
Open-circuit voltage(Voc)	29.5(V)