

Device Modeling Report

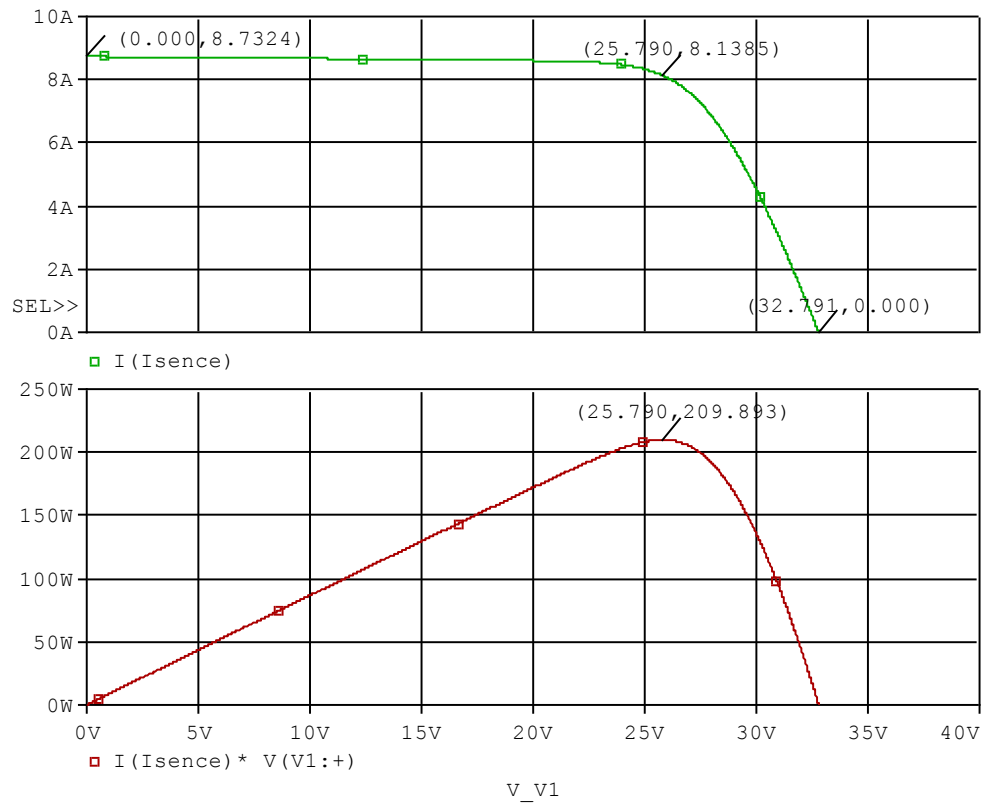
COMPONENTS: Solar Cell
PART NUMBER: PCA210
MUNUFACTURER: YOCASOL
REMARK: Pmax=210(W)



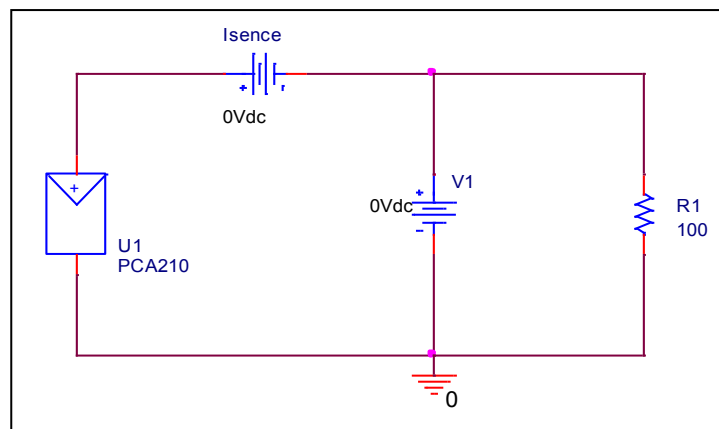
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



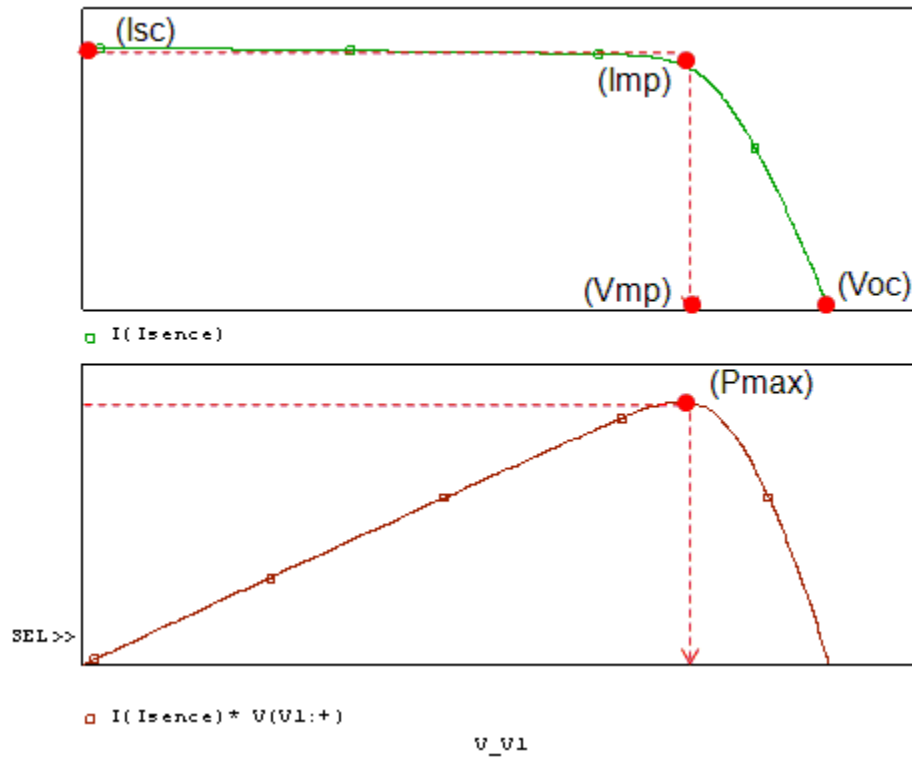
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	210.000	209.8930	-0.0510
Vmp	25.800	25.7900	-0.0388
Imp	8.140	8.1385	-0.0184
Voc	32.900	32.7910	-0.3313
Isc	8.740	8.7324	-0.0870

Data Information

No. PCA210	
Maximum output (Pmax)	210W
Maximum power voltage (Vmp)	25.8V
Maximum power current (Imp)	8.14A
Open circuit voltage (Voc)	32.9V
Short circuit current (Isc)	8.74A