

Device Modeling Report

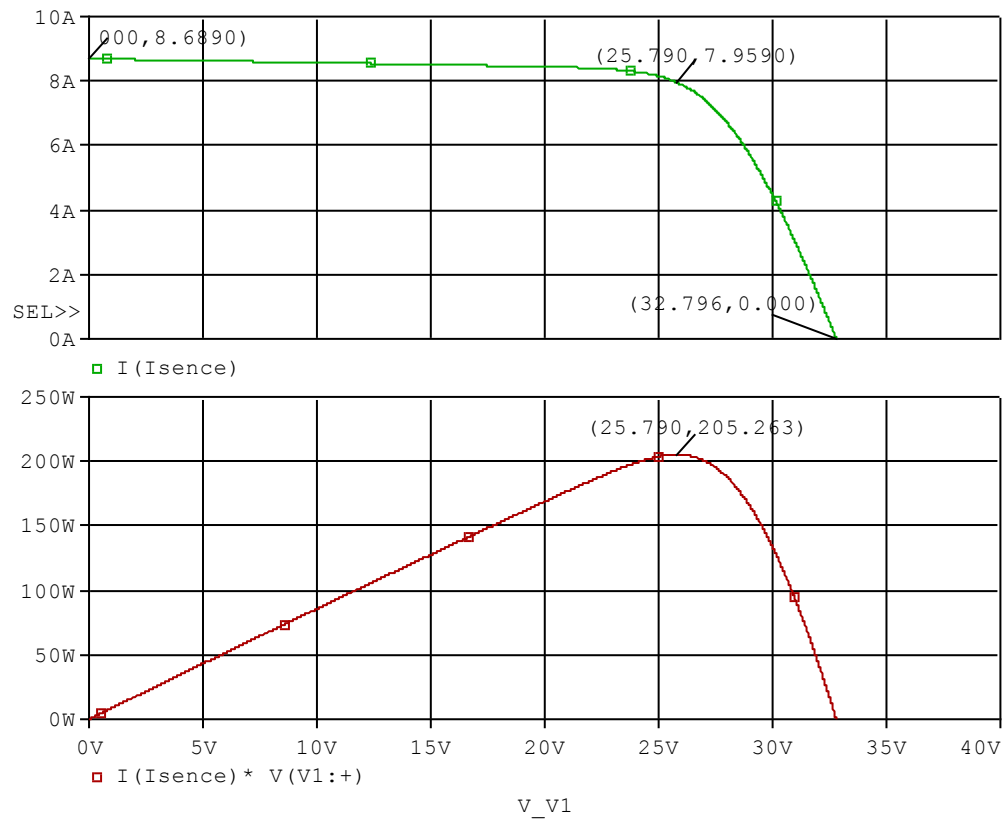
COMPONENTS: Solar Cell
PART NUMBER: PCA205
MUNUFACTURER: YOCASOL
REMARK: Pmax=205(W)



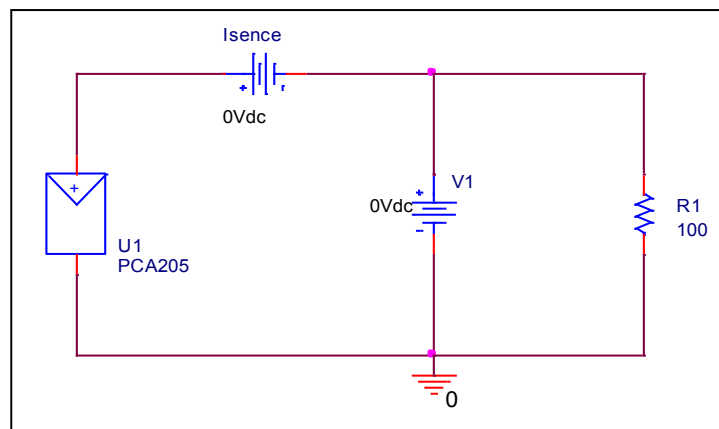
Bee Technologies Inc.

Output Characteristic

Circuit Simulation Result



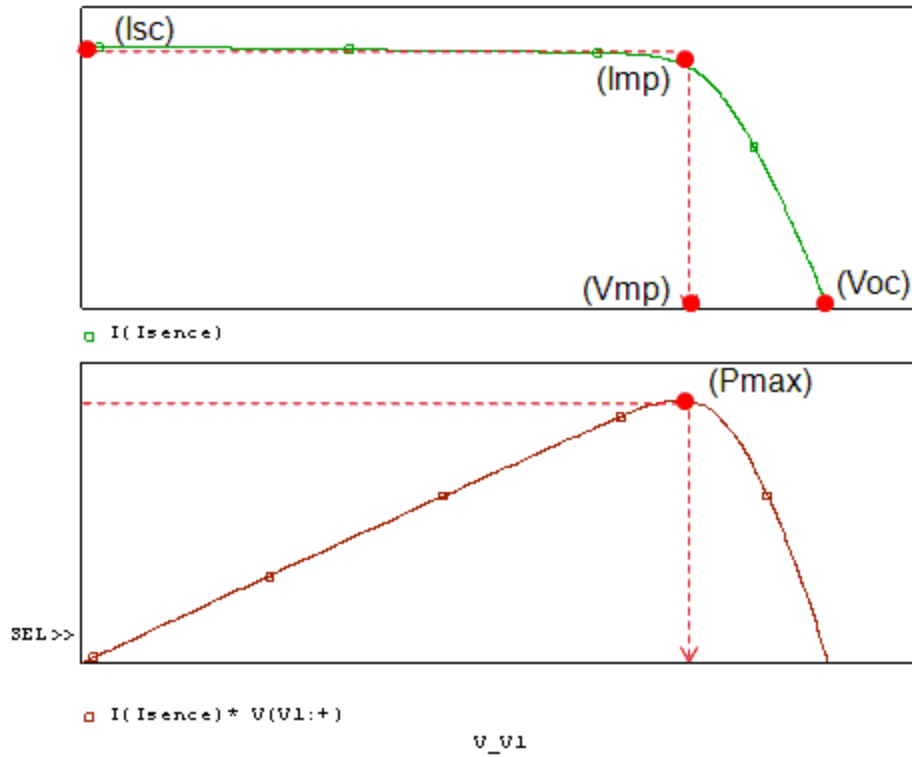
Simulation Circuit



Output Characteristic

Reference

Circuit Simulation Result



Data Table

Symbol	Measurement	Simulation	%Error
Pmax	205.000	205.2630	0.1283
Vmp	25.800	25.7900	-0.0388
Imp	7.960	7.9590	-0.0126
Voc	32.900	32.7960	-0.3161
Isc	8.710	8.6890	-0.2411

Data Information

No. PCA205	
Maximum output (Pmax)	205W
Maximum power voltage (Vmp)	25.8V
Maximum power current (Imp)	7.96A
Open circuit voltage (Voc)	32.9V
Short circuit current (Isc)	8.71A