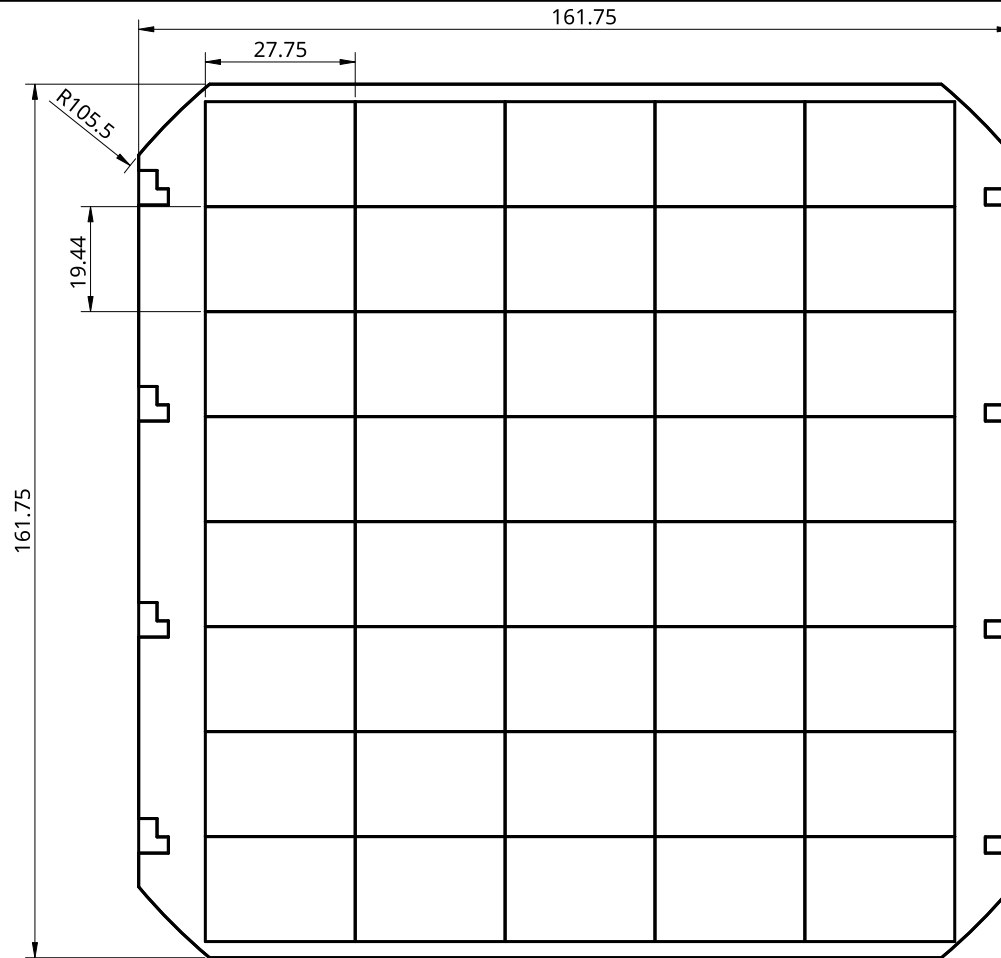


REMARKS  
1. "####" etching refers to Voltaic's PO# for traceability



	Drawing Details		Construction		Power Specifications				
	Panel Number	P144	All Materials RoHS Compliant		Output Tolerance: ± 10% of Voltage and Current				
Revision	R1A	Substrate	DOUBLE SIDED PCB	Solar Cell: SUNPOWER MAXEON GEN III Ø166					
Engineer	ME	Encapsulant	EVA F806P	Nominal Efficiency: Me3	23.9%≤	Cell Pieces	10		
Approval	SM 2023-08-04	Top Layer	CHEMICALLY TEMPERED GLASS	Panel Electrical Rating		Nominal	Expected		
Date Created	2021-01-18	Top Layer Pattern	SMOOTH	Open-Circuit Voltage	Voc	7.25	7.04	V	
Date Modified	2024-04-29	Wire Number	N/A	Voltage at Max Power	Vp	6.11	5.89	V	
Changes	TOP LAYER	Measured Wire Length	N/A	Short-Circuit Current	Isc	0.219	0.207	A	
This document contains proprietary information and may not be copied or shared without the consent of Voltaic Systems	Tolerance: ±0.3 mm	Units: mm	Strain Relief	NONE	Current at Max Power	Ip	0.212	0.185	A
	Scale: 1:1.2	Sheet: 1/2	Attachment	VHB	Maximum Power	Wp	1.294	1.09	W



**Cell Cut Diagram**

Cell	SUNPOWER MAXEON GEN III Ø166	
Cell Efficiency	>23.9%	
Panel Reference	P144	
Panel Revision	R1A	
Date Created	2021-01-18	
Engineer	2024-04-29	
Reviewed By	SM	
Tolerance: ±0.3 mm	Units: mm	
Scale: 1:2	Sheet: 2/2	

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