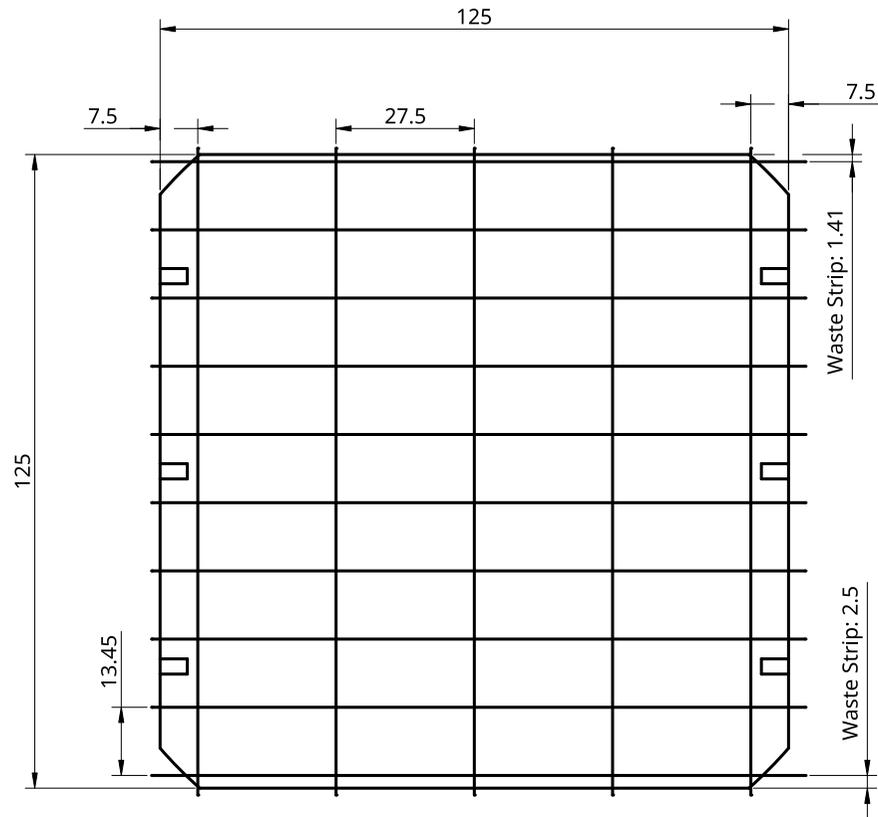


REMARKS

1. All dimensions to panel edge include EVA overlap unless otherwise specified.
2. "#####" etching refers to Voltaic's PO# for traceability
3. Note the red circled inspection items

	Drawing Details		Construction		Power Specifications				
	Panel Number	P140	All Materials RoHS Compliant		Output Tolerance: ± 10% of Voltage and Current				
	Revision	R1A	Substrate	DOUBLE SIDED PCB	Solar Cell: SUNPOWER MAXEON GEN III				
	Engineer	AK	Encapsulant	EVA F806P	Nominal Efficiency: ≥24.4%	Cell Pieces	8S1P	8	
	Approval	SM 2025-11-06	Top Layer	TEFKA ECTFE	Panel Electrical Rating		Nominal	Expected	
	Date Created	2022-01-26	Top Layer Pattern	YH04	Open-Circuit Voltage	Voc	5.82	5.66	V
	Date Modified	2025-11-06	Wire Number	N/A	Voltage at Max Power	Vp	4.98	4.81	V
	Changes	INITIAL DESIGN	Measured Wire Length	N/A	Short-Circuit Current	Isc	0.152	0.141	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	0.145	0.126	A
	Scale: 1:1	Sheet: 1/2	Attachment	NONE	Maximum Power	Wp	0.723	0.608	W



Cell Cut Diagram

Cell	SUNPOWER MAXEON GEN III
Cell Efficiency	≥24.4%
Panel Reference	P140
Panel Revision	R1A
Date Created	2022-01-26
Date Modified	2025-11-06
Approval	SM 2025-11-06
Tolerance: ±0.3 mm	Units: mm
Scale: 1:1.5	Sheet: 2/2

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