

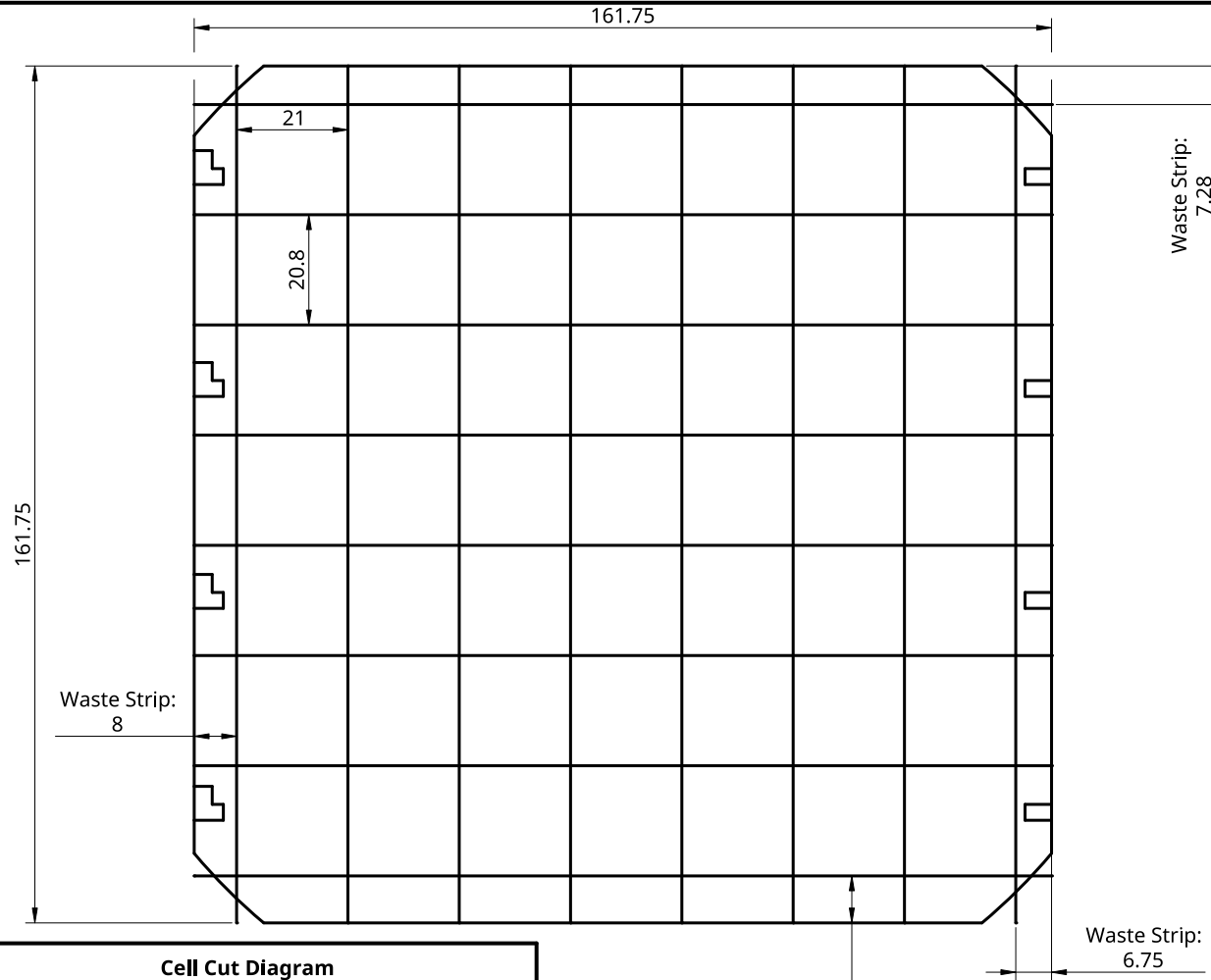
REMARKS

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

QR code, logo, and panel specifications white silkscreen

	Drawing Details		Construction		Power Specifications				
	Panel Number	P121	All Materials RoHS Compliant		Output Tolerance: ± 10% of Voltage and Current				
	Revision	R1L	Substrate	DOUBLE SIDED PCB	Solar Cell: SUNPOWER MAXEON GEN V Ø211 Ln				
	Engineer	MC	Encapsulant	EVA F806P	Nominal Efficiency: 21.5%±		Cell Pieces		4
	Approval	SM 2022-08-19	Top Layer	R045E ETFE	Panel Electrical Rating		Nominal	Expected	
	Date Created	2022-03-08	Top Layer Pattern	ETFE MINIMAL	Open-Circuit Voltage	Voc	2.86	2.78	V
	Date Modified	2023-03-27	Wire Number		Voltage at Max Power	Vp	2.36	2.28	V
	Changes	GEN V CELLS / SILK SCREEN	Measured Wire Length		Short-Circuit Current	Isc	0.18	0.15	A
	Tolerance: ±0.3 mm	Units: mm	Strain Relief	NONE	Current at Max Power	Ip	0.16	0.14	A
	Scale: 1:1	Sheet: 1/2	Attachment	NONE	Maximum Power	Wp	0.38	0.32	W

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Cell Cut Diagram

Cell	SUNPOWER MAXEON GEN V Ø211 Ln
Cell Efficiency	>21.5%
Panel Reference	P121
Panel Revision	R1L
Date Created	2022-03-08
Date Modified	2023-03-27
Approval	SM 2022-08-19
Tolerance: ±0.3 mm	Units: mm
Scale: 1:1.4	Sheet: 2/2

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