

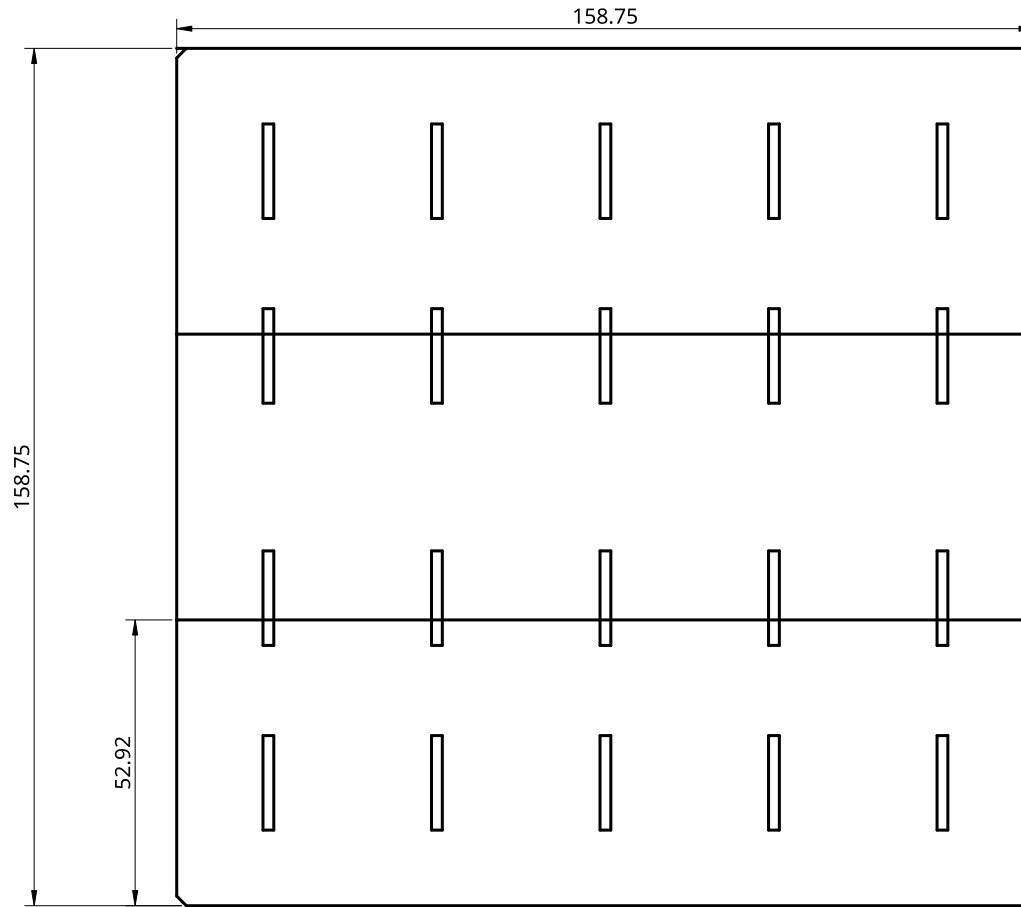
REMARKS

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



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Drawing Details		Construction		Power Specifications				
Panel Number	P150	All Materials RoHS Compliant		Output Tolerance: $\pm 10\%$ of Voltage and Current				
Revision	R1B	Substrate	WHITE KPF	Solar Cell: Monocrystalline 5BB 158.75				
Engineer	MC	Encapsulant	EVA F806P	Nominal Efficiency: $20\% \leq$		Cell Pieces		30
Approval	SM 2023-01-05	Top Layer	TEMPERED GLASS	Panel Electrical Rating		Nominal	Expected	
Date Created	2021-02-03	Top Layer Pattern	N/A	Open-Circuit Voltage	Voc	20.64	19.61	V
Date Modified	2023-01-05	Wire Number		Voltage at Max Power	Vp	17.2	16.34	V
Changes	FRAME HOLES	Measured Wire Length	890	Short-Circuit Current	Isc	3.08	2.98	A
Tolerance: ± 0.3 mm	Units: mm	Strain Relief	J-BOX	Current at Max Power	Ip	2.91	2.76	A
Scale: 1:7	Sheet: 1/2	Attachment	ALUMINIUM FRAME	Maximum Power	Wp	50.04	45.16	W



Cell Cut Diagram

Cell	Monocrystalline 5BB 158.75
Cell Efficiency	>20%
Panel Reference	P150
Panel Revision	R1B
Date Created	2021-02-03
Date Modified	2023-01-05
Approval	SM 2023-01-05
Tolerance: ± 0.3 mm	Units: mm
Scale: 1:1.4	Sheet: 2/2

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