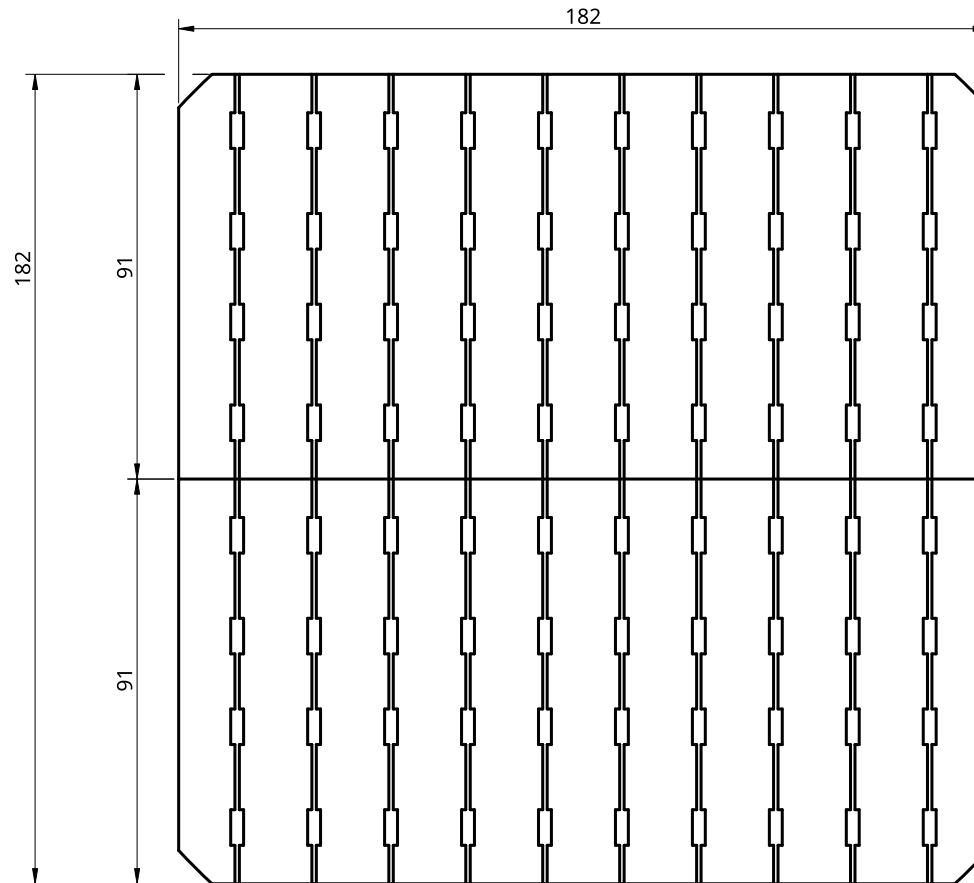


REMARKS
 1. "####" refers to Voltaic's PO# for traceability
 2. Please note red circled inspection items



Drawing Details		Construction		Power Specifications				
Panel Number	P151	All Materials RoHS Compliant		Output Tolerance: ± 10% of Voltage and Current				
Revision	R1D	Substrate	BLACK KPF	Solar Cell: MONOCRYSTALLINE M182 10BB				
Engineer	ME	Encapsulant	EVA F806P	Nominal Efficiency: 22.8%≤	Cell Pieces		30	
Approval	SM 2023-11-27	Top Layer	TEMPERED GLASS	Panel Electrical Rating		Nominal	Expected	
Date Created	2021-02-03	Top Layer Pattern	N/A	Open-Circuit Voltage	Voc	20.76	19.72	V
Date Modified	2023-11-30	Wire Number	W249	Voltage at Max Power	Vp	17.67	16.79	V
Changes	30 CELLS	Measured Wire Length	1000	Short-Circuit Current	Isc	6.75	6.59	A
Tolerance: ±0.3 mm	Units: mm	Strain Relief	J-BOX	Current at Max Power	Ip	6.42	6.1	A
Scale: 1:13	Sheet: 1/2	Attachment	BLACK ALUMINIUM FRAME	Maximum Power	Wp	113.44	102.38	W

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Cell Cut Diagram

Cell	MONOCRYSTALLINE M182 10BB	
Cell Efficiency	>22.8%	
Panel Reference	P151	
Panel Revision	R1D	
Date Created	2021-02-03	
Date Modified	2023-11-30	
Approval	SM 2023-11-27	
Tolerance: ± 0.3 mm	Units: mm	
Scale: 1:1.7	Sheet: 2/2	

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