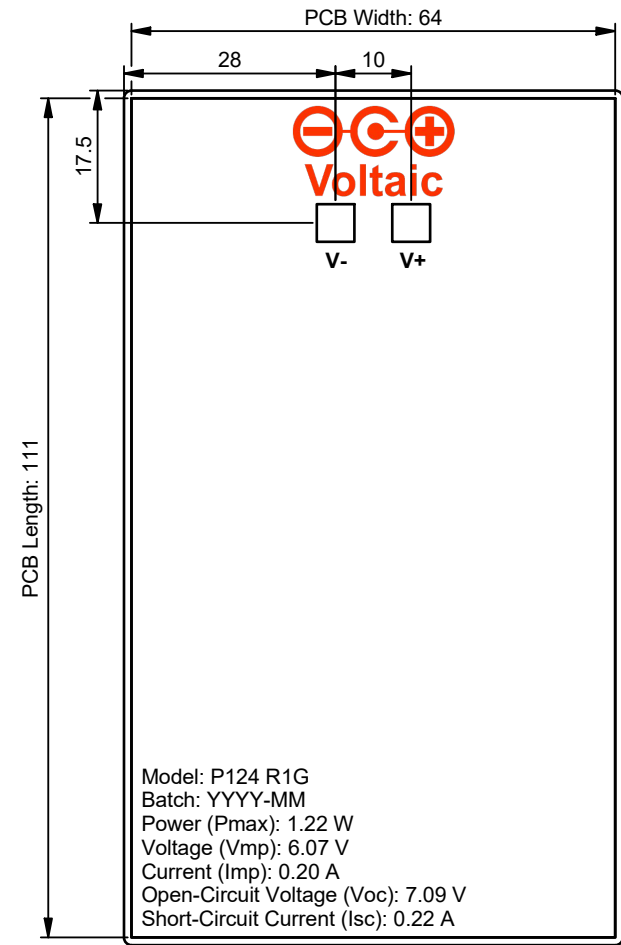


Front

Side



Back



**Drawing Details**

Panel Number:	P124
Revision:	R1G
Engineer:	CY
Checked By:	SM
Date Created:	2020-01-28
Date Modified:	2020-04-10
Changes:	PCB Thickness
Tolerance:	± 0.3
Scale:	1:1
Units:	mm
Sheet:	1/1

**Construction**

All Materials RoHS Compliant
Substrate: Black DS PCB
Encapsulant: EVA F806P
Top Layer: ETFE YH05
Wire Number: N/A
Wire Length: N/A
Strain Relief: N/A
Attachment: N/A
Temperature: -40 to 85 °C

**Power Specifications**

Output Tolerance: ± 10% of Voltage and Current				
Solar Cell: SunPower Maxeon Gen III Je3A				
Nominal Efficiency: ≥ 22%		Cell Pieces: 10		
Panel Electrical Ratings		Nominal	Expected	
Open-Circuit Voltage	Voc	7.09	6.38	V
Voltage at Max Power	Vp	6.07	5.46	V
Short-Circuit Current	Isc	0.22	0.20	A
Current at Max Power	Ip	0.20	0.19	A
Maximum Power	Wp	1.22	1.02	W