

Panel Specifications

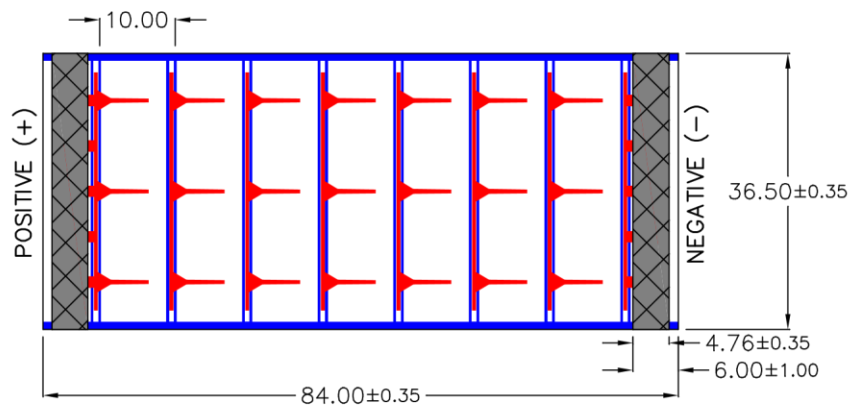
Electrical:

100% Sun: 22mA at 4.2V (92mW)¹
 25% Sun: 5.0mA at 4.2V (21mW)
 Max Voc: 6.5V
 Average Isc: 28mA

Mechanical:

f/b Laminate: 3 mil PET / 3 mil PET
 3/16 in Copper Foil Busbar
 Thickness: 0.2–0.3mm
 Appr. Weight: 0.85 grams
 Operating Temperature: –25C to 65C²
 Bend Radius: 1 inch fixed, 3 inch repetitive³
 UV and Moisture Protection: Limited⁴

REVISIONS		DRAWING NO. SP4.2–37	
REV	DESCRIPTION	REVIEW	DATE
1	7 Cell 84 x 36.5 mm Single Junction Module	SJ	1/19/2021



Panel Information, Handling and Assembly Best Practices



1. Tested at STC under AM1.5 1000W/m² equivalent conditions
2. High temperature laminates available for up to 85C continuous, 100C peak (4 hours daily).
3. Contact engineering support for tighter flexing requirements
4. Tolerant to intermittent exposure to UV, moisture and weather. Full UV and weatherproofing options are available.

This document contains information which is the property of PowerFilm Inc. It is not to be duplicated, used, or disclosed in whole or in part for any purpose without prior written permission of PowerFilm Inc. All Dimensions +/- 1.2 mm unless specified.

PowerFilm Inc.		1287 XE Place Ames, IA 50014 515–292–7606 515–292–1922(fax)	
TITLE 7 Cell 84 x 36.5 mm Single Junction Module			
SCALE	1:1	DATE	1/19/2021
DRAWN	John Fecht	REF.	
CHECKED		DRAWING NO.	SP4.2–37

UNITS: mm

SP4.2-37

- 1000W/m²
- - 250W/m²

