

Panel Specifications

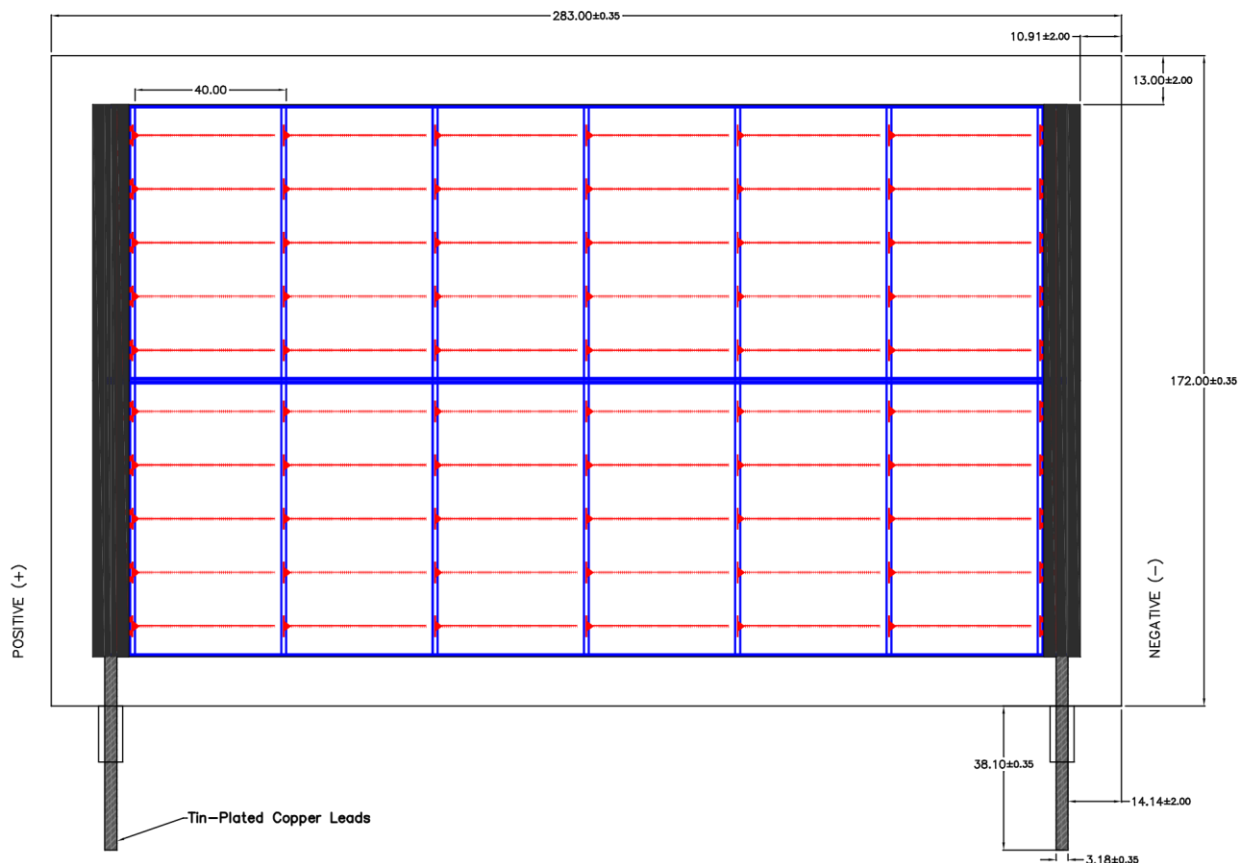
Electrical:

100% Sun: 240mA at 7.2V (1.73W)¹
 25% Sun: 54mA at 7.2V (389mW)
 Max Voc: 11.1V
 Average Isc: 308mA

Mechanical:

f/b Laminate: 8 mil ETFE / 8 mil ETFE
 3/8 in Tinned Copper Foil Bustape
 1/8 in Tin-Plated Copper Rigid Solder Tabs
 3/8 in Black Cosmetic Tape
 Thickness: 0.4–0.5mm
 Appr. Weight: 53.9 grams
 Operating Temperature: -40C to 85C²
 Bend Radius: 1 inch fixed, 3 inch repetitive³
 UV Protection: Full⁴
 Moisture Protection: Outdoor Rated⁴

REVISIONS		DRAWING NO. P7.2-150F	
REV	DESCRIPTION	REVIEW	DATE
1	6 Cell 283 x 172 mm Tandem Junction Module, Weather Sealed with UV Protection and Extended Leads		5/13/2021



Panel Information, Handling and Assembly Best Practices



1. Tested at STC under AM1.5 1000W/m² equivalent conditions
2. 100C peak (4 hours daily).
3. Contact engineering support for tighter flexing requirements
4. Resistant to UV Exposure. Tolerant to exposure to moisture and weather.

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
 6 Cell 283 x 172 mm Tandem Junction Module,
 Weather Sealed with UV Protection and Extended Leads

SCALE 1:2 DATE: 5/13/2021 REF.

DRAWN John Fecht DRAWING NO. P7.2-150F

UNITS: mm

CHECKED

P7.2-150F

— 1000W/m²
- - 250W/m²

