

TWINPLUS MODULE SERIES

HIGH EFFICIENCY MONO-PERC M4-9B-B

350-370W

OUTSTANDING PRODUCT PERFORMANCE

- Competitive high-temperature performance with ameliorated temperature coefficient
- Minimized power loss in cell connection
- Better performance under shading effect
- Decreased annual operating cell temperature to 43 ± 2°C
- Higher power generation with multi-busbar and half-cut technology

TRUSTWORTHY QUALITY AND RELIABILITY

- Guaranteed 0-200 positive tolerance secures reliable power output
- 3000h maximum snow load, 2000Pa maximum wind load
- Optimized electrical design lowers hot spot risk and operating current

PID RESISTANT

- Industry-leading cell processing technology and electrical design ensure solid PID resistance

MANAGEMENT SYSTEM CERTIFICATES

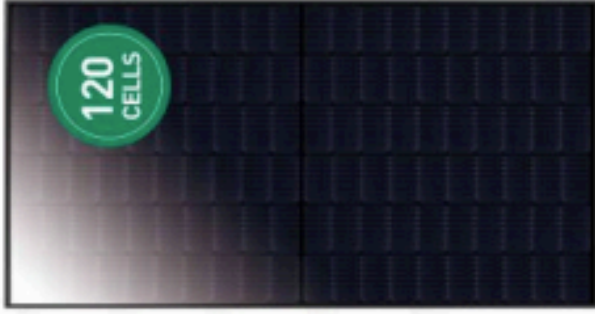
IEC 61215, IEC 61730
 ISO 9001-2015 / Quality management system
 ISO 14001-2015 / Standards for environmental management system
 OHSAS 18001-2007 / International standards for occupational health & safety
 IEC TS 42941-1: 2016 Terrestrial photovoltaic (PV) modules—guidelines for increased confidence in PV module design qualification and type approval



© 2016 Phono Solar. All Rights Reserved.

Major Equipment continued

Project: Harnois 6.75 kW Residential Roof-mount Solar System



www.phonosolar.com | info@phonosolar.com

ELECTRICAL TYPICAL VALUES

| Model | PS350M4-201U4B | PS350M4-201U4B | PS350M4-201U4B | PS370M4H-201U4B |
|----------------------------------|----------------|----------------|----------------|-----------------|
| Testing Condition | S1C | NOCT | S1C | NOCT |
| Rated Power (P _{mppt}) | 350 | 359 | 363 | 370 |
| Rated Current (Imppt) | 18.44 | 8.45 | 18.53 | 8.51 |
| Rated Voltage (Vmppt) | 33.47 | 38.41 | 33.72 | 38.84 |
| Short Circuit Current (Isc) | 18.95 | 8.80 | 11.81 | 8.70 |
| Open Circuit Voltage (Voc) | 38.98 | 35.44 | 38.33 | 35.98 |
| Module Efficiency (%) | 19.08 | 19.35 | 19.42 | 19.90 |

MECHANICAL CHARACTERISTICS

Cell Type: Monocrystalline Silicon 60mm x 60mm

Length: 1745mm (69.45 inch)
 Width: 1042mm (40.94 inch)
 Height: 35mm (1.38 inch)

Weight: 14.5kg (32.99 lbs)

Front Glass: 3.2mm Toughened Glass

Frame: Anodized Aluminum Alloy

Cable: 4mm BECL Length, 20mm Vertical / 120mm Horizontal or Customized Length

Junction Box: IP 68 Rated

TEMPERATURE RATINGS

Voltage Temperature Coefficient: -0.30%/°C
 Current Temperature Coefficient: -0.05%/°C
 Power Temperature Coefficient: -0.30%/°C
 Tolerance: 0-50u
 NOCT: 43±2°C

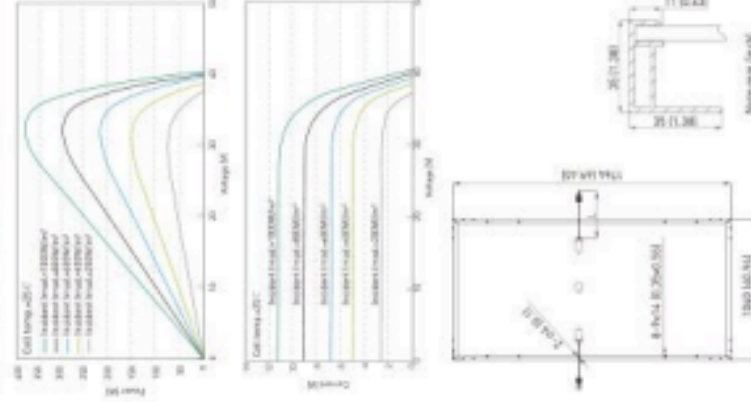
ABSOLUTE MAXIMUM RATING

Operating Temperature: From: -43 to +85°C
 Hot Diameter @ 80km/h: Up to 25mm
 Front Side Maximum Static Loading: 5400Pa
 Rear Side Maximum Static Loading: 3400Pa
 Maximum Service Fuse Rating: 20A
 PV Module Classification: II
 Fire Rating (IEC 61730): C
 Module Fire Performance (IEC 11803): Type 4
 Maximum System Voltage: DC 1500V/1500V

PACKING CONFIGURATION

Container: 20' GP
 Pieces/Container: 384

ELECTRICAL CHARACTERISTICS



Phono[®] Solar

PHONO SOLAR TECHNOLOGY CO., LTD reserves the right to make necessary adjustments to the information described herein at any time without further notice. The specifications and certificates contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. Please be sure to use the most recent version of data.

