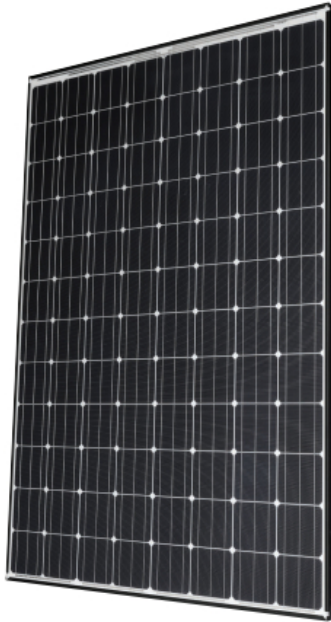


Panasonic HIT 340W Solar Module VBHN340SA17



Price: CAD \$699.00

SKU: PANVBHN340SA17

Product Categories: [Discontinued](#)

Product Tags: [340w](#), [96 cell](#), [canada](#), [heterojunction](#), [hit](#), [Panasonic](#), [panasonic 340w](#), [panasonic 340w solar panel](#), [panasonic hit](#), [Panasonic VBHN340SA17](#), [Panasonic VBHN340SA17 canada](#), [VBHN340SA17](#), [VBHN340SA17 canada](#)

Product Page:

<https://www.modernoutpost.com/product/vbhn340sa17-panasonic-hit-340w-solar-module/>

Product Summary

The VBHN340SA17 Panasonic HIT 340W solar module is a leading option for installations requiring maximum performance in a minimum footprint. These high efficiency panels are designed for dense residential rooftops, and are also ideal for van conversions, boats, and RVs where space needs to be maximized. This module

is shorter than standard 60-cell modules, making it ideal for van rooftops.

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Panasonic is a well known and proven brand, and is celebrating over 40 years in the solar business. Their HIT solar panels are a proven state-of-the-art Silicone Heterojunction technology and have been in mass production for 19 years. The thin monocrystalline cell is sandwiched between ultrathin amorphous thin-film layers, providing greater performance across diverse light & environment conditions.

The 96-cell HIT®+ N340 solar panel provides a powerful combination of increased module efficiency, energy savings and durable long-term performance. Featuring a 20.3 module efficiency and 340 watts per panel, N340 delivers an advanced renewable energy source with zero emissions for any home. A temperature coefficient rating of $-0.258\%/^{\circ}\text{C}$, one of the lowest in the world, helps generate greater electricity output on the hottest days.

Panasonic home solar panels are backed by our industry-leading parts and performance warranty that guarantees minimum power output of 90.76% after 25 years.

Panasonic VBHN340SA17 Features

High panel efficiency

Up to 20.3%, with cell efficiency of up to 22.85%

Lowest temperature coefficient

The result is up to 13% more daily energy production at higher temperatures. This results in the highest kWh production annually, and the greatest net savings at end of life.

Ultra-low degradation for optimal long-life output

HIT® N-type solar cells result in extremely low Light Induced Degradation (LID) and zero Potential Induced Degradation (PID) which supports reliability and longevity throughout your system lifecycle. This technology reduces annual degradation to 0.26% compare to 0.70% in conventional panels, guaranteeing more power output over the long haul. As a result, we guarantee a minimum 90.76% rated power output after 25 years, substantially more than other panels.

Enhanced high-durability frame design

A new 40mm heavy duty frame increases strength and durability, able to handle loads up to 5400 Pa of weight force. The practical water drainage system helps direct rain water and snow melt off the panel surface. This reduces water stains and soiling, allowing more sunlight absorption and greater power generation.

Unique water drainage

Outlets at corners of module avoids water accumulation, as well as water stains and dust/dirt accumulation after drying, improving performance

Fully Systems Compatible

Use with all 100V & higher charge controllers, and all string inverters*
(see stringing NOTE below)

Good looking

Black anodized frame on white backsheet

- UL 1703 certified, cUL, California CEC listed - Salt Mist Tested (not certified)

NEW! Best In Class Warranty!

25 year product warranty on materials/workmanship

25 year linear power output warranty

- Warrantied power tolerance of up to +10%

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Panasonic VBHN340SA17 Specifications in Brief

Maximum Power : 340 watts

Max Power Voltage (Vmp) : 59.7V

Max Power Current (Imp) : 5.7A

Open Circuit Voltage (Voc) : 71.3V

Short Circuit Current (Isc) : 6.13A

Module Efficiency : 20.3%

Cell Efficiency : 22.85%

Cell Type : Mono-crystalline

Cell Arrangement : 96 (8 x 12)

Maximum System Voltage : 600V

Maximum Series Fuse Rating : 15A

Connectors : MC4

Dimensions : 1590 x 1053 x 40mm / 62.6 x 41.5 x 1.6in

Weight : 19 kg / 41 lbs

[Download the Data Sheet Here](#) [Download the Installation Manual Here](#)

*NOTE: The high Voc on this module means that attention must be given to your series & parallel string calculations. Most Canadian locations will not be able to string more than two modules in series on a 150V charge controller.

A higher module voltage means that fewer modules are needed to achieve MPPT voltage ranges on residential string inverters. This makes it easier to fit full strings onto smaller rooftop spaces, while more parallel strings means improved partial shade performance of your system.

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 20 kg

Product Gallery

