

QUARTZ

SQZB240M-48 SQZB255M-48
 SQZB245M-48 SQZB260M-48
 SQZB250M-48



48 CELL
 Monocrystalline Module

20.0%
 Maximum Efficiency



240-260 W
 Power Output Range

+5W
 Power Tolerance



Well-rounded design with versatile and excellent performance

- 1500 VDC system voltage

Design promotes efficiency & savings

- Low first-year power degradation
- PID Resistant
- Convert more sunlight into electricity over a given area to provide more savings over time

Highly reliable quality

- Comprehensive in-house tests
- 100% EL inspection ensuring defects-free module
- Manufactured with cutting edge technology to increase product output consistency

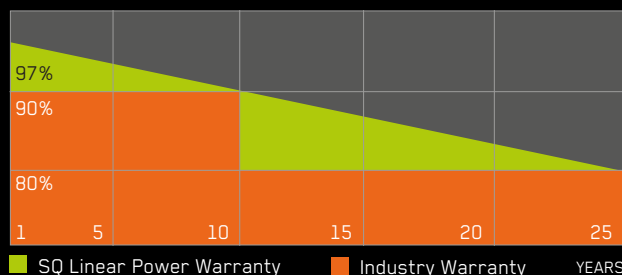
Certified to withstand the most challenging environmental conditions

- 2400 Pa negative load, 5400 Pa positive load
- Salt Mist and Ammonia Corrosion Resistant

LINEAR POWER WARRANTY

10 years
 product warranty

25 years
 linear power output warranty

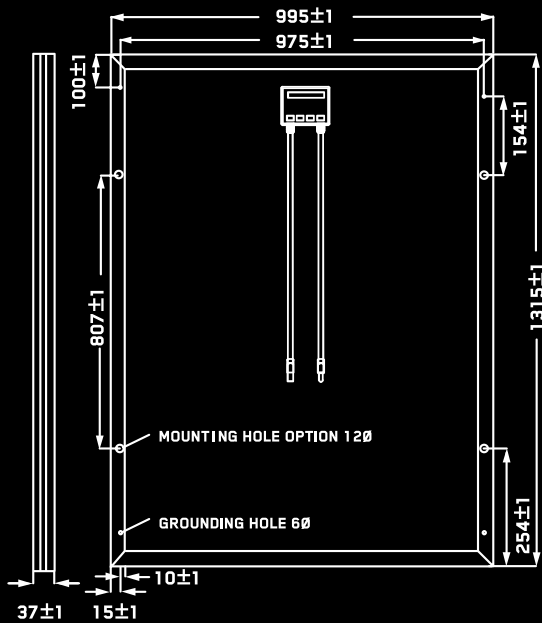


COMPREHENSIVE PRODUCTS & SYSTEM CERTIFICATES

- ISO 9001:2015** Quality Management System
- ISO 14001:2015** Environmental Management System
- OHSAS 18001:2007** Occupational Health & Safety Management System
- IEC 61215:2016 / IEC 61730:2016** Indonesian National Standard (SNI) Local Content Level (TKDN)



SOLAR QUEST, established in 2019, is a trademark by PT. Deltamas Solusindo. The company is devoted to be a total solution provider for energy efficiency and solar-powered clean energy generation. SOLAR QUEST is the national PV module from Indonesia with superior quality; providing reliability and profitability the customers rely on. With focus on solar-powered Renewable Energy expansion, the company encourages communities into the era of clean energy; in the same time collaborating with distributors, installers, developers, and other partners to distribute its solution to residential, commercial and utility base customers locally and internationally.



MECHANICAL DATA

Module Dimensions	1315 x 995 x 37 mm
Weight	13.6 kg
Solar Cells	Monocrystalline 156.75 x 156.75 mm
Cell Arrangement	3 Strings of 24 Cells
Glass	3.2 mm Thick Anti-Reflection Solar Glass
Backsheet	Highly Resistant Polyester
Frame	Clear Anodic Coated Aluminium
J-Box	IP68
Cables	1 x 4.0 mm ² Solar Cable
Connectors	ST4 or Factory-Installed Compatible

ELECTRICAL DATA at STC*

	UNIT	SQZB240M-48	SQZB245M-48	SQZB250M-48	SQZB255M-48	SQZB260M-48
Nominal Power - P _{MAX}	Wp	241	246	252	256	261
Power Tolerance	W	+5	+5	+5	+5	+5
Nominal Power Voltage - V _{MP}	V	26.49	26.77	27.42	27.86	28.40
Nominal Power Current - I _{MP}	A	9.38	9.38	9.38	9.38	9.38
Open Circuit Voltage - V _{OC}	V	32.50	32.50	32.50	32.50	32.50
Short Circuit Current - I _{SC}	A	9.83	9.83	9.83	9.83	9.83
Module Efficiency	%	18.42	18.80	19.26	19.57	19.95

*STC: Standard Test Conditions (Light Spectrum AM 1.5, Irradiance 1000 W/m², Temperature 25°C)

ELECTRICAL DATA at NMOT**

Nominal Power - P _{MAX}	Wp	193	197	202	205	209
Power Tolerance	W	+5	+5	+5	+5	+5
Nominal Power Voltage - V _{MP}	V	25.54	26.07	26.70	27.13	27.66
Nominal Power Current - I _{MP}	A	7.55	7.55	7.55	7.55	7.55
Open Circuit Voltage - V _{OC}	V	29.90	29.90	29.90	29.90	29.90
Short Circuit Current - I _{SC}	A	7.94	7.94	7.94	7.94	7.94
NMOT	°C	43 ₊₂	43 ₊₂	43 ₊₂	43 ₊₂	43 ₊₂

**NMOT: Nominal Module Operation Temperature (Light Spectrum AM 1.5, Irradiance 800 W/m², Temperature 20°C)

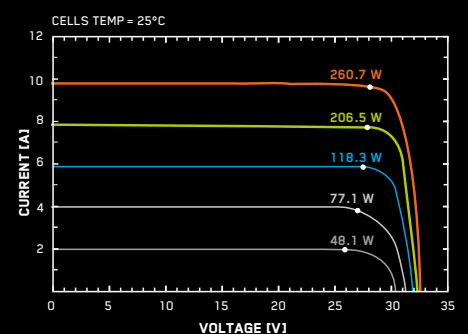
TEMPERATURE RATINGS

Temperature Coefficient of P _{MAX}	-0.40% / °C
Temperature Coefficient of V _{OC}	-0.33% / °C
Temperature Coefficient of I _{SC}	0.06% / °C

MAXIMUM RATINGS

Operational Temperature	-40 ~ +85°C
Maximum System Voltage (IEC)	1500 VDC
Max Series Fuse Rating	20 A

I-V CURVE AT STANDARD TEST CONDITION



WARRANTY

10-YEAR Product Warranty

25-YEAR Linear Power Output Warranty