

# 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

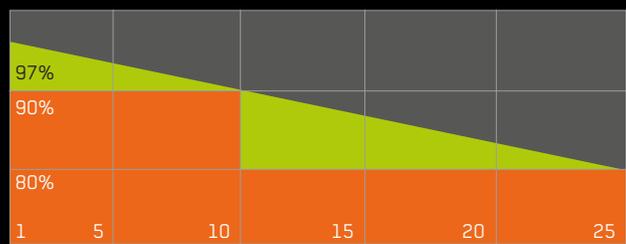
## LINEAR POWER WARRANTY

**10 years**

product warranty

**25 years**

linear power output warranty



■ SQ Linear Power Warranty    ■ Industry Warranty    YEARS

## 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 /**

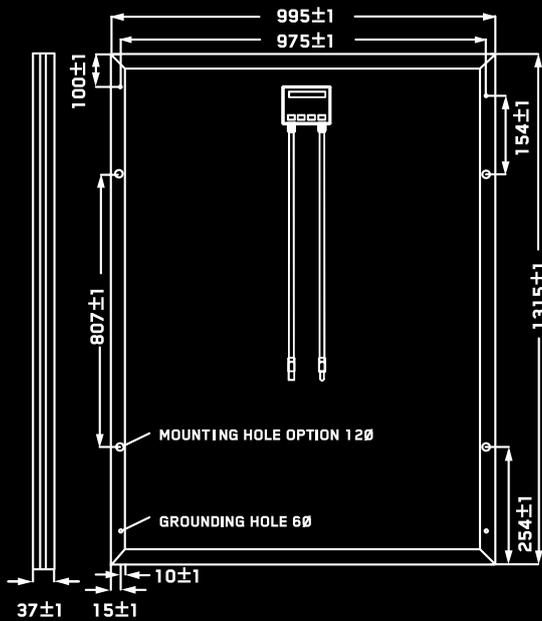
Indonesian National Standard (SNI)

**IEC 61730:2016**

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 <sup>2</sup> Solar Cable
Connectors	MC4 or Factory-Installed Compatible

ELECTRICAL DATA at STC*	UNIT	SQZB240M-48	SQZB245M-48	SQZB250M-48	SQZB255M-48	SQZB260M-48
Nominal Power - P <sub>MAX</sub>	Wp	241	246	252	256	261
Power Tolerance	W	+5	+5	+5	+5	+5
Nominal Power Voltage - V <sub>MP</sub> (±0.5%)	V	26.49	26.77	27.42	27.86	28.40
Nominal Power Current - I <sub>MP</sub> (±0.5%)	A	9.38	9.38	9.38	9.38	9.38
Open Circuit Voltage - V <sub>OC</sub> (±0.5%)	V	32.50	32.50	32.50	32.50	32.50
Short Circuit Current - I <sub>SC</sub> (±0.5%)	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/m<sup>2</sup>, Temperature 25°C)

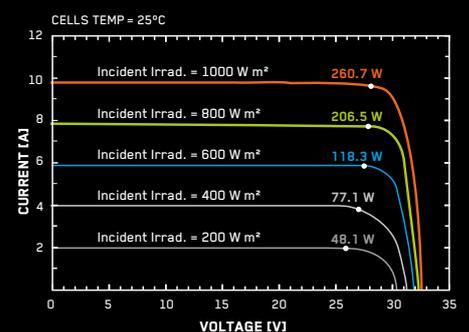
ELECTRICAL DATA at NMOT**	UNIT	SQZB240M-48	SQZB245M-48	SQZB250M-48	SQZB255M-48	SQZB260M-48
Nominal Power - P <sub>MAX</sub>	Wp	193	197	202	205	209
Power Tolerance	W	+5	+5	+5	+5	+5
Nominal Power Voltage - V <sub>MP</sub> (±0.5%)	V	25.54	26.07	26.70	27.13	27.66
Nominal Power Current - I <sub>MP</sub> (±0.5%)	A	7.55	7.55	7.55	7.55	7.55
Open Circuit Voltage - V <sub>OC</sub> (±0.5%)	V	29.90	29.90	29.90	29.90	29.90
Short Circuit Current - I <sub>SC</sub> (±0.5%)	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/m<sup>2</sup>, Temperature 20°C)

TEMPERATURE RATINGS	
Temperature Coefficient of P <sub>MAX</sub>	-0.40% / °C
Temperature Coefficient of V <sub>OC</sub>	-0.33% / °C
Temperature Coefficient of I <sub>SC</sub>	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