

QUARTZ

SQZB180M-36 SQZB195M-36
SQZB185M-36 SQZB200M-36
SQZB190M-36



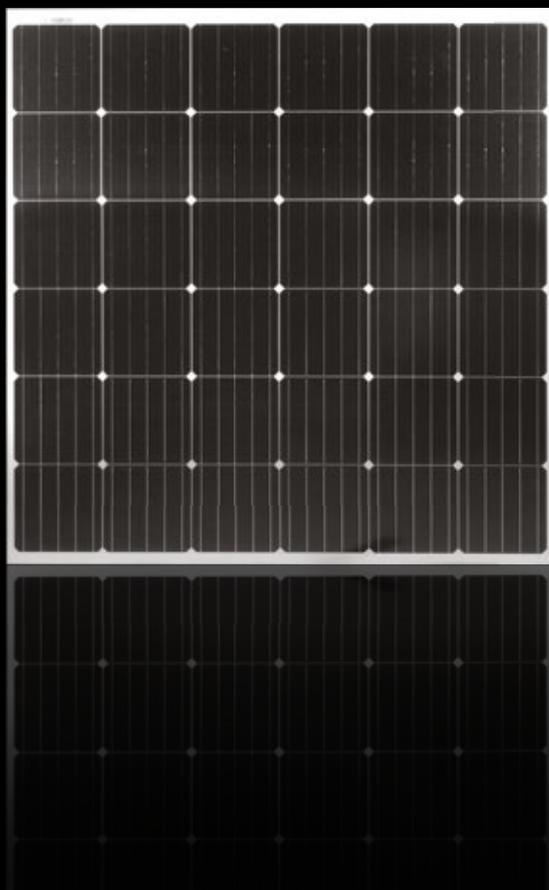
36 CELL
Monocrystalline Module

20.4%
Maximum Efficiency



180-200 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

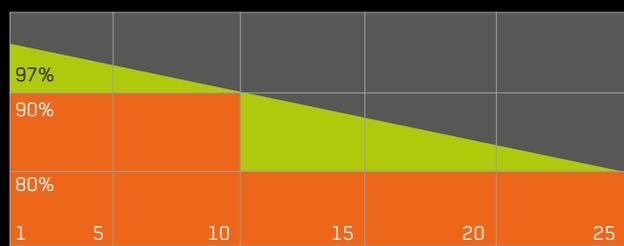
LINEAR POWER WARRANTY

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 /

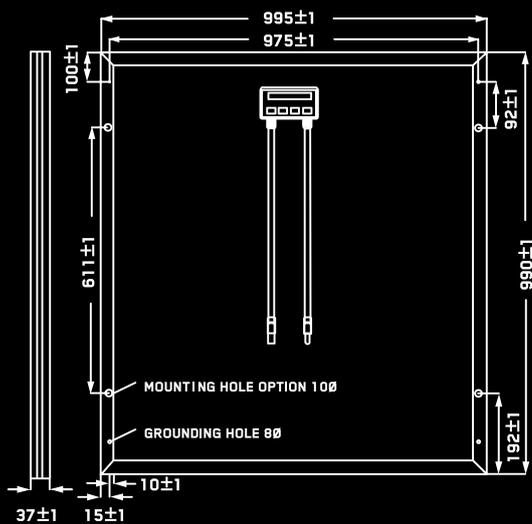
Indonesian National Standard (SNI)

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	995 x 995 x 37 mm
Weight	11.8 kg
Solar Cells	Monocrystalline 156.75 x 156.75 mm
Cell Arrangement	3 Strings of 12 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	MC4 or Factory-Installed Compatible

ELECTRICAL DATA at STC*	UNIT	SQZB180M-36	SQZB185M-36	SQZB190M-36	SQZB195M-36	SQZB200M-36
Nominal Power - P _{MAX}	Wp	181	187	190	196	202
Power Tolerance	W	+5	+5	+5	+5	+5
Nominal Power Voltage - V _{MP} (±0.5%)	V	19.90	19.94	20.67	21.33	21.98
Nominal Power Current - I _{MP} (±0.5%)	A	9.38	9.38	9.38	9.38	9.38
Open Circuit Voltage - V _{OC} (±0.5%)	V	24.37	24.37	24.37	24.37	24.37
Short Circuit Current - I _{SC} (±0.5%)	A	9.83	9.83	9.83	9.83	9.83
Module Efficiency	%	18.28	18.89	19.19	19.80	20.40

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

ELECTRICAL DATA at NMOT**	UNIT	SQZB180M-36	SQZB185M-36	SQZB190M-36	SQZB195M-36	SQZB200M-36
Nominal Power - P _{MAX}	Wp	145	150	152	157	162
Power Tolerance	W	+5	+5	+5	+5	+5
Nominal Power Voltage - V _{MP} (±0.5%)	V	19.18	19.82	20.13	20.77	21.41
Nominal Power Current - I _{MP} (±0.5%)	A	7.55	7.55	7.55	7.55	7.55
Open Circuit Voltage - V _{OC} (±0.5%)	V	23.15	23.28	23.28	23.28	23.28
Short Circuit Current - I _{SC} (±0.5%)	A	8.21	8.21	8.21	8.21	8.21
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)

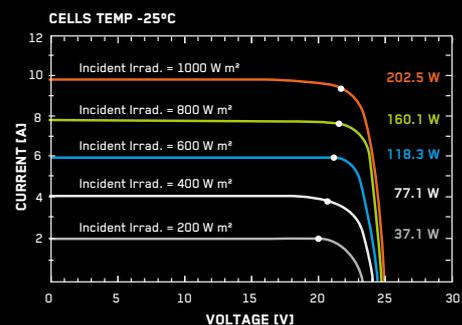
TEMPERATURE RATINGS

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