

QUARTZ

SQZA150P-36
SQZA155P-36
SQZA160P-36

SQZA165P-36
SQZA170P-36



36 CELL

Polycrystalline Module

17.2%

Maximum Efficiency



150-170 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

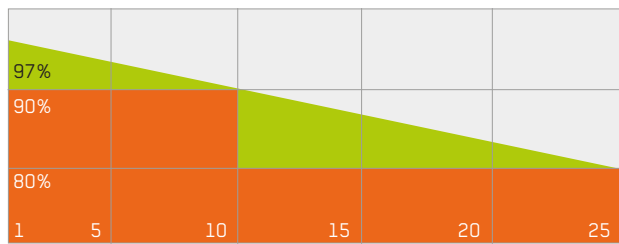
LINEAR POWER WARRANTY

10 years

product warranty

25 years

linear power output warranty



■ SQ Linear Power Warranty ■ Industry Warranty YEARS

COMPREHENSIVE PRODUCTS & SYSTEM CERTIFICATES

ISO 9001:2015

ISO 14001:2015

OHSAS 18001:2007

Quality Management System

Environmental Management System

Occupational Health & Safety

Management System

IEC 61215:2016 /

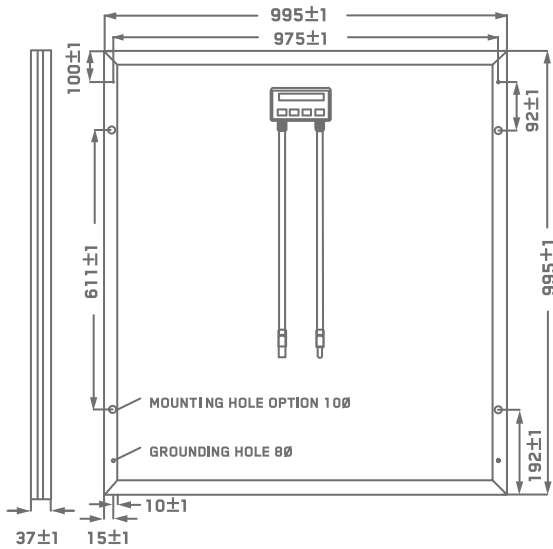
IEC 61730:2016

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	995 x 995 x 37 mm
Weight	11.8 kg
Solar Cells	Polycrystalline 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	SQZA150P-36	SQZA155P-36	SQZA160P-36	SQZA165P-36	SQZA170P-36
Nominal Power - P _{MAX}	Wp	150	155	160	165	170
Power Tolerance	W	+5	+5	+5	+5	+5
Nominal Power Voltage - V _{MP} (±0.5%)	V	17.90	18.27	18.90	19.45	20.06
Nominal Power Current - I _{MP} (±0.5%)	A	8.49	8.50	8.50	8.50	8.50
Open Circuit Voltage - V _{OC} (±0.5%)	V	22.99	22.99	22.99	22.99	22.97
Short Circuit Current - I _{SC} (±0.5%)	A	8.98	8.98	8.98	8.98	8.98
Module Efficiency	%	15.2	15.7	16.2	16.7	17.2

*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	120	124	128	132	136
Power Tolerance	W	+5	+5	+5	+5	+5
Nominal Power Voltage - V _{MP} (±0.5%)	V	17.68	18.27	18.86	19.45	20.06
Nominal Power Current - I _{MP} (±0.5%)	A	6.79	6.79	6.79	6.79	6.78
Open Circuit Voltage - V _{OC} (±0.5%)	V	18.40	18.40	18.40	18.40	18.38
Short Circuit Current - I _{SC} (±0.5%)	A	7.17	7.17	7.17	7.17	7.16
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)

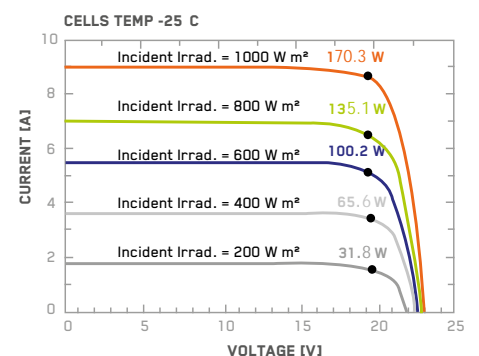
TEMPERATURE RATINGS

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	1500 VDC (IEC)
Max Series Fuse Rating	20 A

I-V CURVE AT STANDARD TEST CONDITION



WARRANTY

10-YEAR Product Warranty

25-YEAR Linear Power Output Warranty