

QUARTZ

SQZA260P-60 SQZA275P-60
 SQZA265P-60 SQZA280P-60
 SQZA270P-60



60 CELL
 Polycrystalline Module

17.1%
 Maximum Efficiency



260-280 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

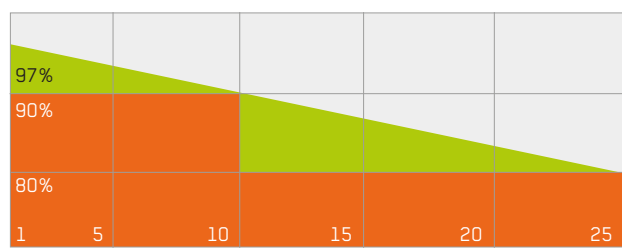
LINEAR POWER WARRANTY

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 /

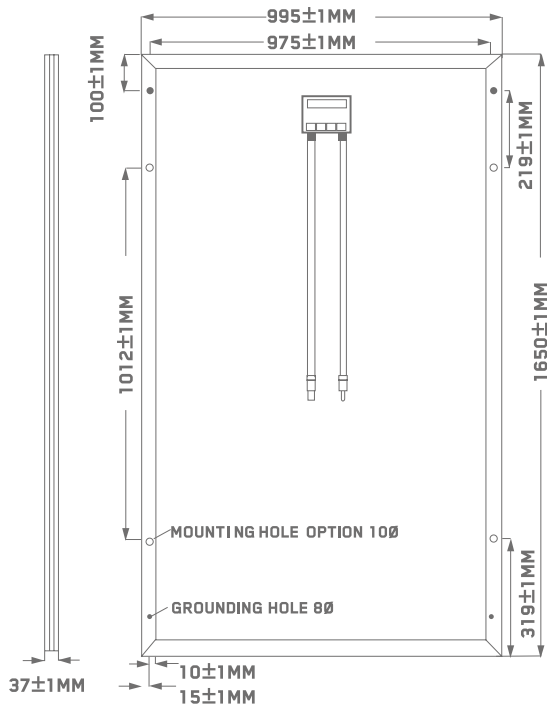
IEC 61730:2016

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 | 1650 x 995 x 37 mm |
| Weight | 15.5 kg |
| Solar Cells | Polycrystalline 156.75 x 156.75 mm |
| Cell Arrangement | 3 Strings of 20 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 | SOZA260P-60 | SOZA265P-60 | SOZA270P-60 | SOZA275P-60 | SOZA280P-60 |
|---|------|-------------|-------------|-------------|-------------|-------------|
| Nominal Power - P _{MAX} | Wp | 260 | 265 | 270 | 275 | 280 |
| Power Tolerance | W | +5 | +5 | +5 | +5 | +5 |
| Nominal Power Voltage - V _{MP} (±0.5%) | V | 30.65 | 31.24 | 31.83 | 32.42 | 33.04 |
| Nominal Power Current - I _{MP} (±0.5%) | A | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 |
| Open Circuit Voltage - V _{OC} (±0.5%) | V | 38.40 | 38.40 | 38.40 | 38.40 | 38.40 |
| Short Circuit Current - I _{SC} (±0.5%) | A | 8.98 | 8.98 | 8.98 | 8.98 | 8.98 |
| Module Efficiency | % | 15.84 | 16.14 | 16.45 | 16.75 | 17.05 |

*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 | 208 | 212 | 216 | 220 | 224 |
| Power Tolerance | W | +5 | +5 | +5 | +5 | +5 |
| Nominal Power Voltage - V _{MP} (±0.5%) | V | 30.65 | 31.24 | 31.83 | 32.42 | 33.04 |
| 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 | 30.66 | 30.66 | 30.66 | 30.66 | 30.63 |
| 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)

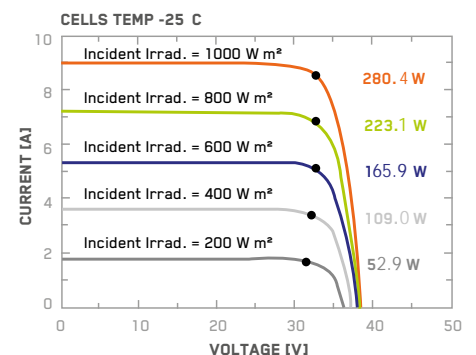
TEMPERATURE RATINGS

| | |
|---|-------------|
| 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