



72 CELL
MONOCRYSTALLINE PERC



395-410 W
POWER OUTPUT RANGE

20.50%
MAXIMUM EFFICIENCY

0 / +5 W
POSITIVE POWER TOLERANCE



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.



Well-rounded design with versatile application and excellent performance

- 1500 Vdc system voltage.



Design promotes efficiency and savings

- Passivated Emitter and Rear Cell (PERC) technology.
- 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 double 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.

Comprehensive Products And System Certificates

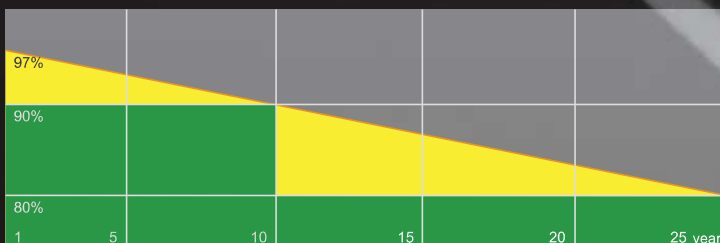
ISO 9001:2015 / Quality Management System
 ISO 14001:2015 / Environmental Management System
 OHSAS 18001:2007 / Occupational Health & Safety Management System

IEC 61215:2016, IEC 61730:2016
 UL 61730
 Indonesian National Standard (SNI)
 Local Content Level (TKDN)



Linear Power Warranty

10-year product warranty 25-year linear power output warranty



■ SQ Linear Power Warranty ■ Industry Warranty

ELECTRICAL DATA at STC*

		SQF395M-72	SQF400M-72	SQF410M-72
Nominal Power - P_{MAX}	Wp	395	400	410
Power Tolerance	W	0 / +5	0 / +5	0 / +5
Nominal Power Voltage - V_{MP}	V	40.6	41.0	42.2
Nominal Power Current - I_{MP}	A	9.71	9.76	9.76
Open Circuit Voltage - V_{OC}	V	49.00	49.10	49.10
Open Circuit Current - I_{SC}	A	10.26	10.30	10.30
Module Efficiency	%	19.80	20.00	20.50

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

ELECTRICAL DATA at NMOT**

		SQF395M-72	SQF400M-72	SQF410M-72
Nominal Power - P_{MAX}	Wp	316	320	328
Power Tolerance	W	0 / +5	0 / +5	0 / +5
Nominal Power Voltage - V_{MP}	V	39.4	39.7	40.7
Nominal Power Current - I_{MP}	A	8.01	8.05	8.05
Open Circuit Voltage - V_{OC}	V	47.0	46.9	46.9
Open Circuit Current - I_{SC}	A	8.57	8.60	8.60
NMOT	°C	43±2	43±2	43±2

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

MECHANICAL DATA

Module Dimensions	1992 x 1007 x 37 mm
Weight	25 kg
Solar Cells	Monocrystalline PERC 158.75 x 158.75 mm
Cell Type	3 Strings of 24 Monocrystalline PERC Cells
Glass	3.2 mm Thick Anti-Reflection Solar Glass
Backsheet	Highly Resistant Polyester
Frame	Clear Anodic Coated Aluminum
J-Box	IP68
Cables	1 x 4.0 mm ² Solar Cable
Connectors	ST4 or Factory-Installed Compatible

TEMPERATURE RATINGS

Temperature Coefficient of P_{MAX}	-0.37% / °C
Temperature Coefficient of V_{OC}	-0.36% / °C
Temperature Coefficient of I_{SC}	0.07% / °C

MAXIMUM RATINGS

Operational Temperature	-40 ~ +85°C
Maximum System Voltage	1500 V _{DC} (IEC) 1000 V _{DC} (UL)
Max Series Fuse Rating	15A

(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

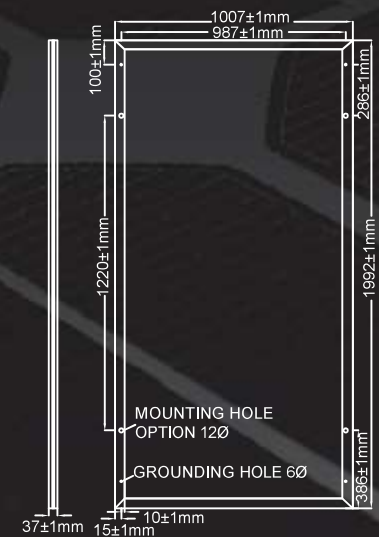
WARRANTY

10-year Product Warranty

25-year Linear Power Output Warranty

Data Sheets are subject to change without notice

DIMENSIONS OF PV MODULE (mm)



I-V Curve at Standard Test Condition

