BUFFALO

SQF380M-72 SQF385M-72 SQF390M-72 SQF395M-72 SQF400M-72



390-400 W

Power Output Range

19.9% **Maximum Efficiency**

+5W

Power Tolerance

Well-rounded design with versatile and excellent performance

• 1500 VDC system voltage

Design promotes efficiency & 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 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

COMPREHENSIVE PRODUCTS &

LINEAR POWER WARRANTY

years product warranty

25 years linear power output warranty ISO 9001:2015 ISO 14001:2015

OHSAS 18001:2007

IEC 61215:2016 /

IEC 61730:2016

SYSTEM CERTIFICATES

Quality Management System Environmental Management System Occupational Health & Safety Management System

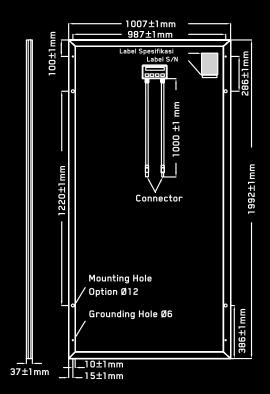
Indonesian National Standard (SNI) Local Content Level (TKDN)



97% SQ Linear Power Warranty Industry Warranty YEARS



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 explansion, 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	1992 x 1007 x 37 m	
Woight	24 / 10	

Weight	24 kg
Solar Cells	Monocrystalline PERC 158.75 x 158.75 mm
Cell Arrangement	3 Strings of 24 Monocrystalline PERC 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 mm² Solar Cable
Connectors	ST4 or Factory-Installed Compatible

ELECTRICAL DATA at STC*	UNIT	SQF380M-72	SQF385M-72	SQF390M-72	SQF395M-72	SQF400M-72
Nominal Power - PMAX	Wp	380	385	390	395	400
Power Tolerance	W	<u>+</u> 5				
Nominal Power Voltage - Vmp	V	39.64	40.16	40.68	40.85	41.49
Nominal Power Current - Imp	А	9.59	9.59	9.59	9.69	9.83
Dpen Circuit Voltace - Voc	V	48.16	48.16	48.16	48.88	49.32
Dpen Circuit Voltace - Isc	А	10.16	10.16	10.16	10.25	10.37
Nodule Efficiency	%	19.0	19.2	19.5	19.7	19.9
STC - Standard Taxt Conditions (Linbt Spartrum AM 1.5. Irradiance 1000 W/m ² Temperature 25°C)						

***STC: Standard Text Conditions** (Light Spectrum AM 1.5, Irradiance 1000 W/m², Temperature 25

ELECTRICAL DATA at NMOT**

ELECTRICAL DATA de INFOT						
Nominal Power - PMAX	Wp	304	308	312	317	326
Power Tolerance	W	<u>+</u> 5				
Nominal Power Voltage - Vmp	V	39.64	40.2	40.7	40.85	41.49
Nominal Power Current - Imp	А	7.67	7.67	7.67	7.76	7.87
Open Circuit Voltace - Voc	V	38.53	38.53	38.53	39.11	39.45
Open Circuit Voltace - Isc	А	8.13	8.13	8.13	8.20	8.30
ИМОТ	°C	43 <u>+</u> 2				

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

TEMPERATURE RATINGS	
Temperature Coefficient of PMAX	-0.38% / °C
Temperature Coefficient of VOC	-0.36% / °C
Temperature Coefficient of ISC	0.07% / °C

MAXIMUM RATINGS	
Operational Temperature	-40 ~ +85°C
Maximum System Voltage	1500 VDC (IEC) 1500 VDC (UL)
Max Series Fuse Rating	20 A

(DO NOT connect Fuse in Combiner Box with 2 or more strings in parallel connection)

WARRANTY	
10-YEAR Product Warranty	25-YEAR Linear Power Output Warranty

I-V CURVE AT STANDARD TEXT CONDITION

CELLS TEMP -25 C

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