

GRIFFIN

SQG650M10-132HC
SQG655M10-132HC
SQG660M10-132HC

SQG665M10-132HC
SQG670M10-132HC



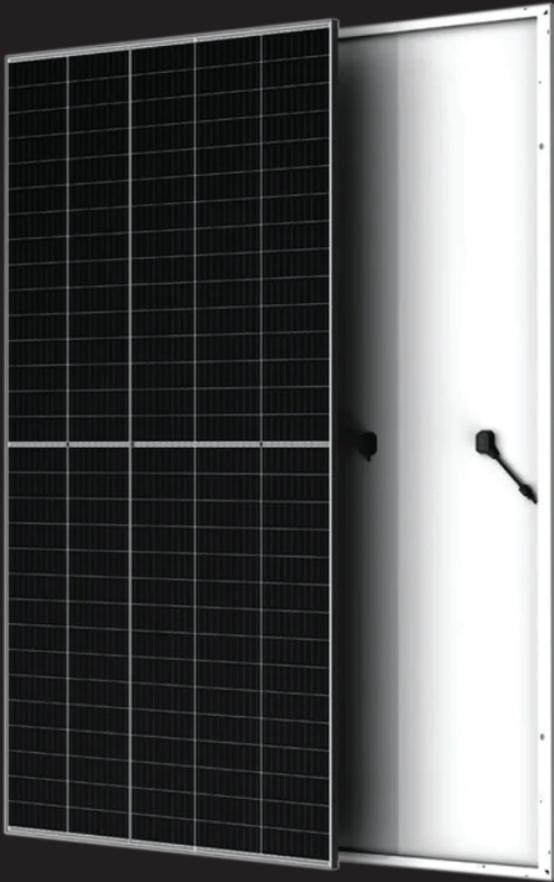
132 CELL
Monocrystalline PERC

21.6%
Maximum Efficiency



650-670 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

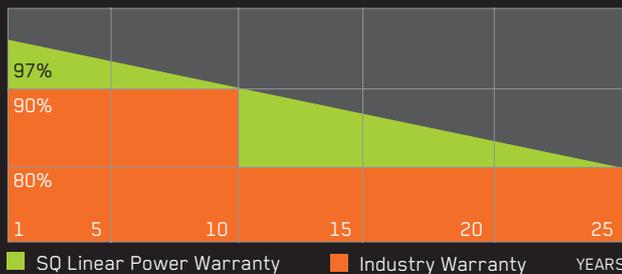
Certified to withstand the most challenging environmental conditions

- 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



COMPREHENSIVE PRODUCTS & SYSTEM CERTIFICATES

ISO 9001:2015
ISO 14001:2015
OHSAS 18001:2007

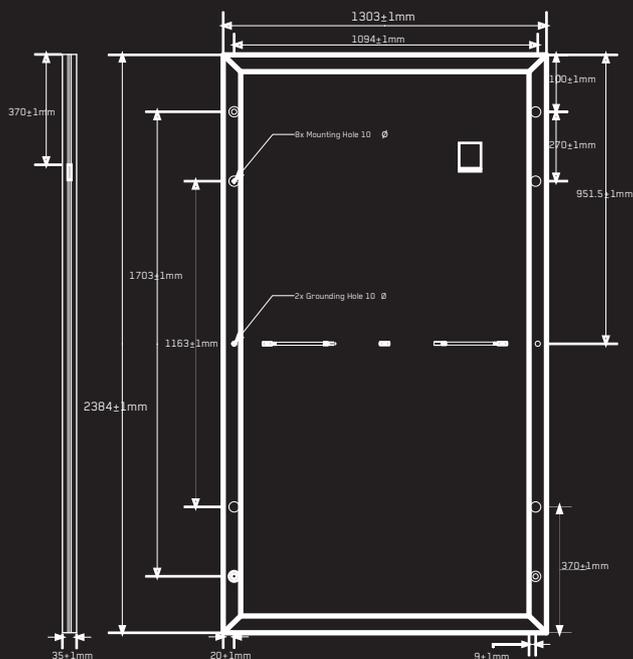
Quality Management System
Environmental Management System
Occupational Health & Safety Management System

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	1303 x 2384 x 35 mm
Weight	33.5 kg
Solar Cells	Monocrystalline Passivated Emitter and Rear Cell (PERC) Technology
Cell Arrangement	2 x 3 Strings of 22 Monocrystalline PERC
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
Connector^S	MC4 or Factory-Installed Compatible

ELECTRICAL DATA at STC*

	UNIT	SQG650M10-132HC	SQG655M10-132HC	SQG660M10-132HC	SQG665M10-132HC	SQG670M10-132HC
Nominal Power - P _{MAX}	Wp	650	655	660	665	670
Power Tolerance	W	±5	±5	±5	±5	±5
Nominal Power Voltage - V _{MP} (±0,5%)	V	38.67	38.74	38.90	39.05	39.25
Nominal Power Current - I _{MP} (±0,5%)	A	16.81	16.91	16.98	17.04	17.09
Open Circuit Voltage - V _{OC} (±0,5%)	V	45.92	45.98	48.25	48.26	48.27
Short Circuit Current - I _{SC} (±0,5%)	A	17.75	17.86	17.90	18.01	18.05
Module Efficiency	%	20.9	21.1	21.2	21.4	21.6

*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	520	524	528	532	536
Power Tolerance	W	±5	±5	±5	±5	±5
Nominal Power Voltage - V _{MP} (±0,5%)	V	38.66	38.75	38.94	39.02	39.21
Nominal Power Current - I _{MP} (±0,5%)	A	13.45	13.52	13.56	13.63	13.67
Open Circuit Voltage - V _{OC} (±0,5%)	V	36.06	36.17	36.22	36.33	36.38
Short Circuit Current - I _{SC} (±0,5%)	A	14.20	14.28	14.32	14.41	14.44
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)

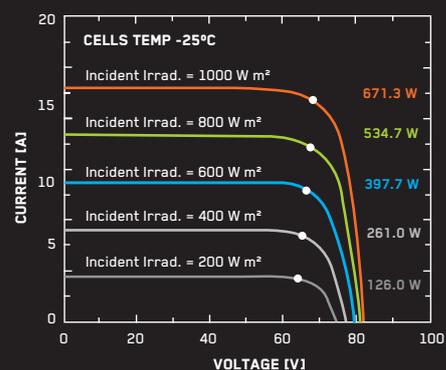
TEMPERATURE RATINGS

Temperature Coefficient of P _{MAX}	-0.38% / °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 (IEC)	1500 VDC
Max Series Fuse Rating	20 A

I-V CURVE AT STANDARD TEXT CONDITION



WARRANTY

10-YEAR Product Warranty

25-YEAR Linear Power Output Warranty