



Quality Product

All Manufactured modules are tested 100% by EL (Electroluminescence) during the Production Process & Free from micro cracks.

Our high-performance modules are highly efficient, reliable and provide optimal output.

The company manufactures solar modules in compliance with global standard including including MNRE, IEC 61215, 61730-1, 61730-2, 61701, ETL, ISO 9001:2008 & ISO 14001:2004 & 18001:2007.

High Efficiency.

High Module efficiency is obtaining top performance even in diffused light conditions.

We are leaders in providing our customers with maximum sunlight conversion.

Application Possibilities

Residential and Commercial rooftops, Car ports, Solar Farming, Balconies, Awnings, Street lights, Fences, and Canopies.

Our Team

We have a team of qualified experts and engineers making sure that modules produce maximum power. We pride ourselves in caring for each individual customer needs with detailed attention. Our end goal is to give a highly efficient product with exceptional customer service.

Guarantee

Our product is durable and has 30 years performance warranty. Integrated manufacturing of cells & modules in production line guarantees optimum performance.

US OFFICE:

Sungen Power 111 Charlotte Place Suite 101A Englewood Cliffs, NJ 07632 Office Tel: 201-568-1424





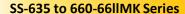














Electric Performance Parameter									
Model	SS-635- 66llMK	SS-640- 66IIMK	SS-645- 66IIMK	SS-650- 66IIMK	SS-655- 66IIMK	SS-660- 66IIMK			
Nominal Maximum Power (Pmax/W)	635	640	645	650	655	660			
Optimum Operating Voltage (Vmp/V)	37.6	37.74	37.89	38.03	38.18	38.32			
Optimum Operating Current (Imp/A)	16.89	16.96	17.03	17.09	17.16	17.22			
Open Circuit Voltage (Voc/V)	45.11	45.28	45.46	45.63	45.81	45.98			
Short Circuit Current (Isc/A)	17.72	17.79	17.87	17.94	18.01	18.08			

- * Measurement Power Tolerance on Power 0 / +%
- * Under Standard Test Conditions (STC) of irradiance of 1000W/m2
- * Maximum System Voltage: 1500v IEC/UL

- * Normal Operating cell Temperature (NOCT) of irradiance of 800W/m2, 43 \pm 2° C
- * Spectrum AM 1.5 and cell temperature of 25 °C
- * Wind Load 3600 pa & Mechanical Load 5400 pa

	Mechanical Parameter		Temperature Coefficien
	Module Dimensions	2391 x 1303 x 40 mm / 94.13 x 51.3 x 1.57inch	Coefficient of Current
	Weight	25kgs/55 lbs	Coefficient of Voltage
	Cell Size (Monocrystalline)	105x210mm/4.13x8.27inch	Coefficient of Power
	No Of Cell	132(6*11*2)	Tested Operating Condi
	Junction Box	IP68, 3 Bypass diodes	Temperature Cycling Range
	Solar Cable Length (4mm²)	1200mm (47.24inch)	Humidity Freeze, Damp Heat
	Connectors	MC4 compatible	
	Glass (Tempered & Low Iron ARC)	3.2mm (0.125in)	Product Warranty
	Encapsulate	EVA	Product Warranty
	Back Cover (White Color)	Composite Sheet	Performance Warranty
	Frame (Silver Color)	Anodized Aluminum Alloy	renormance wanding

nt

Coefficient of Current	+0.045% /°C
Coefficient of Voltage	-0.275%/K
Coefficient of Power	-0.330%/K

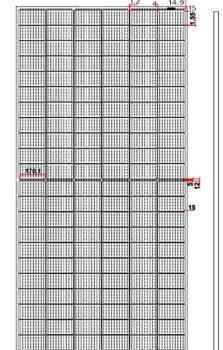
itions

-40°C to 85°C 85% RH

15 Years

First 10 Years up to 90%, next 20 years up to 80%

IV Curve



40

Module Drawing

