

645-665W Mono FULL BLACK

132 Half-Cell Layout

210mm Cell



Ideal Choice For Large Scale Ground Installation
Lower BOS & LCOE



High Density Interconnect Technology



Gallium-doped Technology



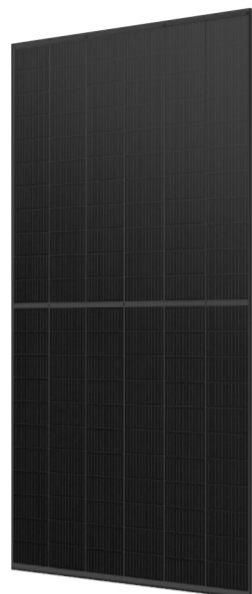
Anti-PID Low LID Performance



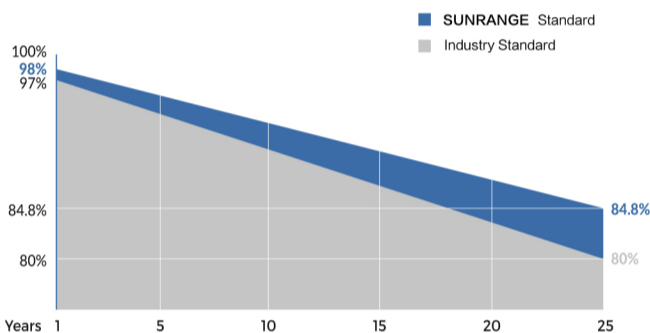
Less Hot Spot Shading Effects



Full Black Appearance for Aesthetic Effect



Linear Performance Warranty



* SUNRANGE: Standard warranty 12 years, can be extended up to 15 years

Insured By



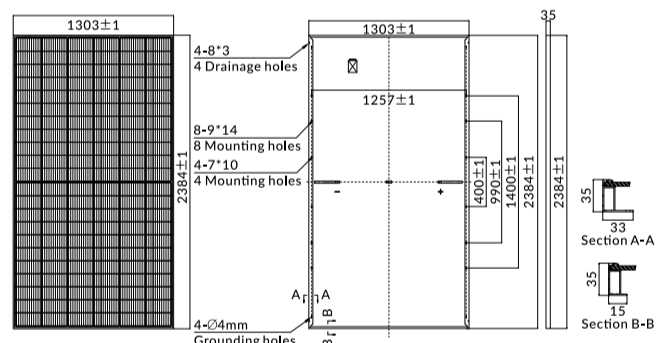
Comprehensive Certificates

- ISO9001:2015 QMS
- ISO14001:2015 EMS
- ISO45001:2018 OHSMS
- IEC61215/IEC61730 Standard Quality
- IEC61701/IEC62716 Salt/Mist/Ammonia Tests



MECHANICAL CHARACTERISTICS

Solar Cells	Mono
No. of Cells	132 (6x22)
Dimensions	2384 x 1303 x 35mm
Weight	34.0kg
Front Glass	3.2mm coated tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated (3 by pass diodes)
	4.0mm ²
Output Cables	300mm (+) / 300mm (-)
	Length can be customized
Connectors	Mc4 compatible
Mechanical load test	5400Pa



ELECTRICAL PARAMETERS

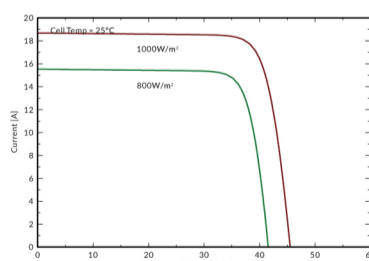
POWER CLASS	SR66P-645M		SR66P-650M		SR66P-655M		SR66P-660M		SR66P-665M	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum power (Pmax)	645W	490W	650W	494W	655W	498W	660W	502W	665W	506W
Open Circuit Voltage (Voc)	44.90V	41.01V	45.00V	41.19V	45.12V	41.38V	45.35V	41.56V	45.54V	41.74V
Short Circuit Current (Isc)	18.51A	15.46A	18.59A	15.50A	18.66A	15.54A	18.69A	15.58A	18.73A	15.62A
Voltage at Maximum power (Vmpp)	37.37V	33.89V	37.54V	34.07V	37.71V	34.25V	37.88V	34.43V	38.04V	34.61V
Current Maximum Power (Impp)	17.26A	14.46A	17.31A	14.50A	17.37A	14.54A	17.42A	14.58A	17.48A	14.62A
MODULE EFFICIENCY (%)	20.76%		20.92%		21.09%		21.25%		21.41%	

STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G

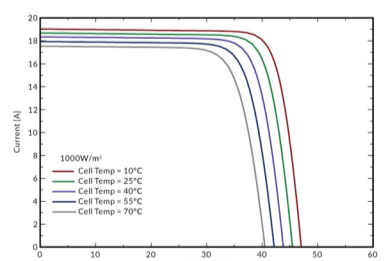
PACKING CONFIGURATION

Container	40'HQ
Pieces per pallet	32
Pallets per container	18
Pieces per container	576

I-V CURVE



SR66P-660M



OPERATING CHARACTERISTICS

Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500 DC (IEC)
Maximum Series Fuse Rating	30A
Power Tolerance	0/+5W

TEMPERATURE CHARACTERISTICS

Nominal Operating Temperature (NMOT)	43±2°C
Temperature Coefficient of Pmax	-0.34%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	+0.04%/°C

Note: The specifications, data and technical characteristics provided in this data sheet are subject to changes due to continuous R&D, product innovation and improvement. SUNRANGE reserves the right to modify the information any time without prior notice.