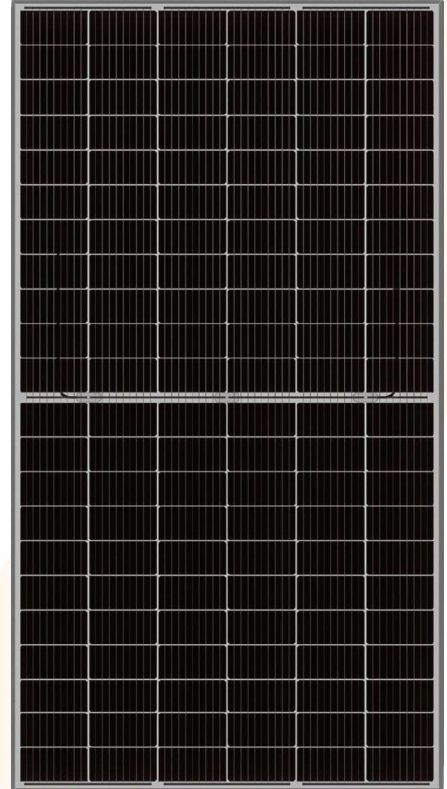


Mars-G5Series

High Efficiency Half-Cell Mono PERC Module

640-670W



PRODUCTS FEATURES



Half-cut cell technology
New circuit design, lower internal current,
lower Rs loss



Lower the risk of hot spot
Special design with lower hot spot temperature

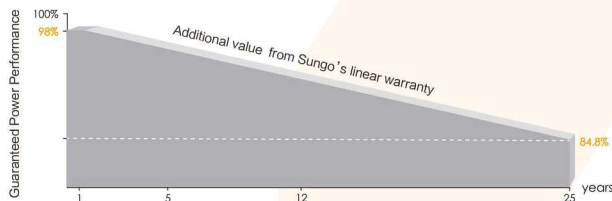


100% triple EL test enabling remarkable
reduction of hidden crack rate of modules



Lower LCOE
Higher power generation, Lower LCOE

LINEAR PERFORMANCE WARRANTY



COMPREHENSIVE CERTIFICATES



15 YEARS Product quality & process guarantee

25 YEARS Linear power guarantee

0.55% Annual Degradation Over 25 years

ISO9001: Quality Management System

ISO14001: Environment Management System

ISO45001: Occupational Health and Safety
Management System

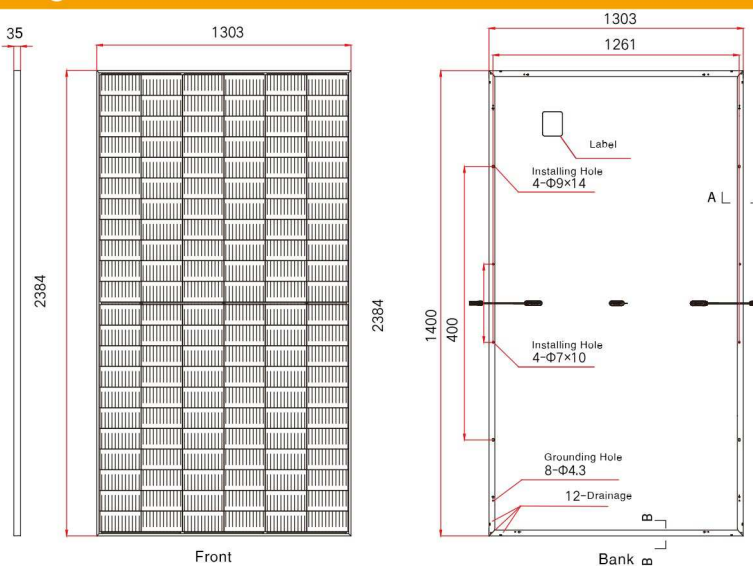
ELECTRIC CHARACTERISTICS

Type	SG-MH66H-640	SG-MH66H-645	SG-MH66H-650	SG-MH66H-655	SG-MH66H-660	SG-MH66H-665	SG-MH66H-670
Maximum Power (Pmax/W)	640	645	650	655	660	665	670
Open Circuit Voltage (Voc/V)	44.9	45.1	45.3	45.5	45.7	45.9	46.1
Short Circuit Current (Isc/A)	18.34	18.39	18.44	18.48	18.53	18.57	18.62
Voltage at Maximum Power (Vmpp/V)	37	37.2	37.4	37.6	37.8	38	38.2
Current at Maximum Power (Impp/A)	17.31	17.35	17.39	17.43	17.47	17.51	17.55
Module Efficiency ($\eta\%$)	20.6	20.8	20.9	21.1	21.2	21.4	21.6

MECHANICAL CHARACTERISTICS

Cell type	PERC Monocrystalline 210×105 mm
Number of cells	132cells
Dimensions	2384×1303×35mm
Weight	38.7kg
Cables	4.0 mm ² , wire length: 300mm
Junction Box	IP68
Mechanical Loading	5400 Pa
Glass	Tempered, 3.2 mm AR, High transmittance, Low iron
Frame	Anodized aluminum alloy
Connectors	MC4 Compatibility
Packing	31pcs/Pallet

Design(mm)



Temperature Ratings

Temperature Coefficient of Pmax	-0.35%/°C
Temperature Coefficient of Voc	-0.27%/°C
Temperature Coefficient of Isc	+0.048%/°C
Working Temperature	-40°C~85°C
Normal Module Operating Temperature (NMOT)	45±2°C

I-V Curve

