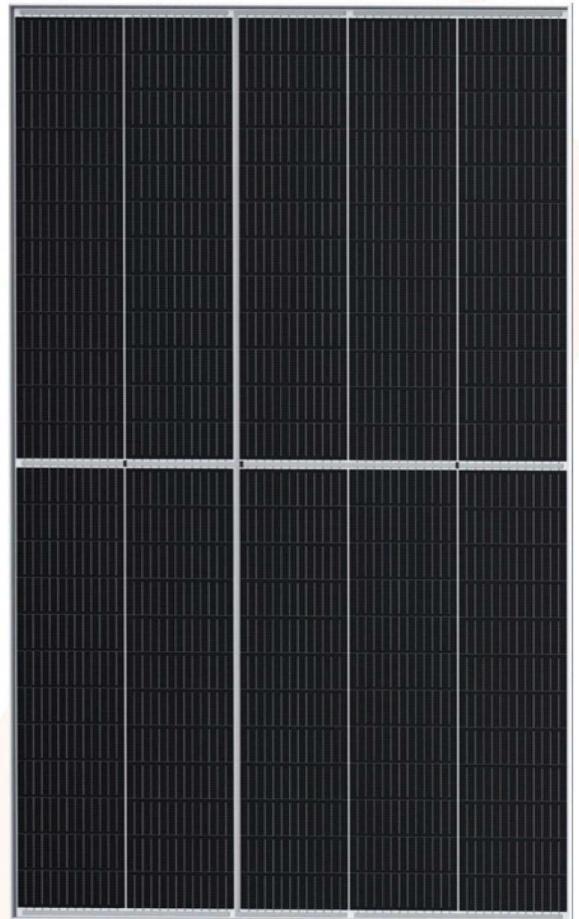


Mars-G5Series

High Efficiency Half-Cell Mono PERC Module

400-410W



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

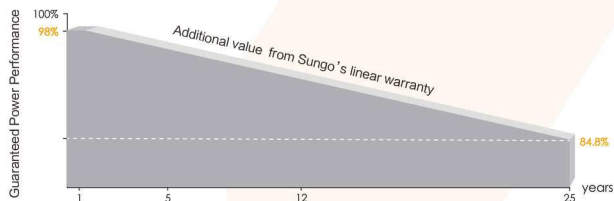


100% triple EL test enabling remarkable
reduction of hidden crack rate of modules



Lower LCOE
Higher power generation, Lower LCOE

LINEAR PERFORMANCE WARRANTY



15 YEARS Product quality & process guarantee

25 YEARS Linear power guarantee

0.55% Annual Degradation Over 25 years

COMPREHENSIVE CERTIFICATES



ISO9001: Quality Management System

ISO14001: Environment Management System

ISO45001: Occupational Health and Safety
Management System

ELECTRIC CHARACTERISTICS

Type	SG-MT40H-400	SG-MT40H-405	SG-MT40H-410
Maximum Power (P _{max} /W)	400	405	410
Open Circuit Voltage (V _{oc} /V)	34.2	34.4	34.6
Short Circuit Current (I _{sc} /A)	11.7	11.77	11.84
Voltage at Maximum Power (V _{mpp} /V)	41.2	41.4	41.6
Current at Maximum Power (I _{mpp} /A)	12.8	12.34	11.88
Module Efficiency (η%)	20.8	21.1	21.3

MECHANICAL CHARACTERISTICS

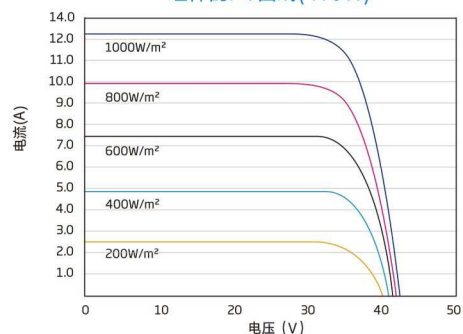
Cell type	PERC Monocrystalline 210×70 mm
Number of cells	120cells
Dimensions	1754×1096×30mm
Weight	21.0kg
Cables	4.0 mm ² , wire length: 300mm
Junction Box	IP68
Mechanical Loading	5400 Pa
Glass	Tempered, 3.2 mm AR, High transmittance, Low iron
Frame	Anodized aluminum alloy
Connectors	MC4 Compatibility
Packing	36pcs/Pallet

Temperature Ratings

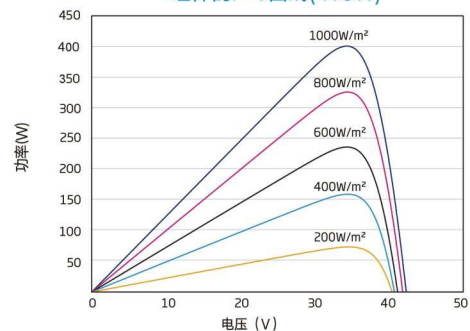
Temperature Coefficient of P _{max}	-0.35%/°C
Temperature Coefficient of V _{oc}	-0.27%/°C
Temperature Coefficient of I _{sc}	+0.048%/°C
Working Temperature	-40°C~85°C
Normal Module Operating Temperature (NMOT)	45±2°C

I-V Curve

组件的I-V曲线(410W)



组件的P-V曲线(410W)



Design(mm)

