SunLink PV

MONO PERC HALF CELL MODULE

SEMI+MBB

SL5M108
400-415 WATT

HIGHER POWER DENSITY
·Output up to 415watt on 1.952M²
·Module efficiency high to 21.3%
·Gain more solar power per square meter

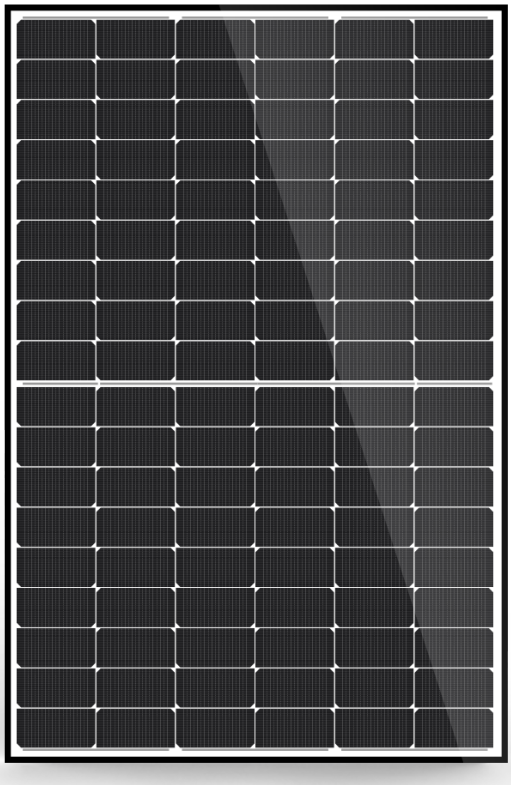
SEMI+MBB
·Semi design deduce working temperature of operation and minimize hot-spot risk
·MBB design deduce cover of busbars and improve current collection ability on windy days
·Improve the output/watt

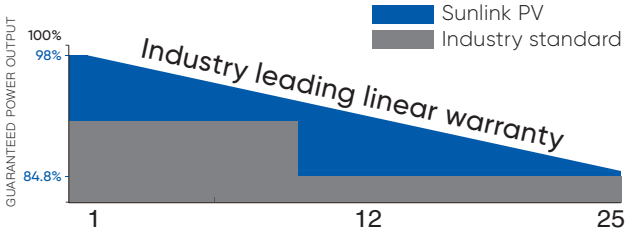
LIGHTER BUT MORE RELIABLE
·Modules are much lighter
·Thicker frames ensure modules much stronger

APPLIED UNDER STRICT CONDITIONS
·Modules could be applied under ammonia, salt mist, high temperature, high humidity condition

IP68
·IP68 junction boxes improve water-proof performance

EXCELLENT FIRE-PROOF PERFORMANCE
·Modules have passed anti-fire test





12 years product warranty | **25** years linear performance warranty

www.sunlink-pv.com info@sunlink-pv.com

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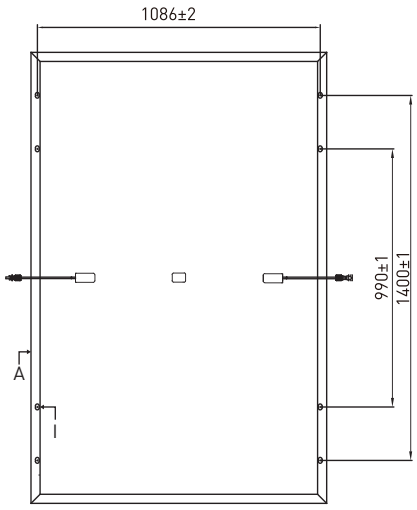
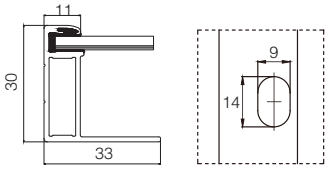
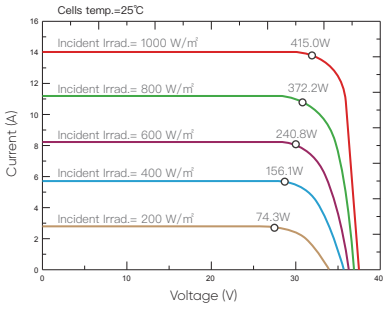
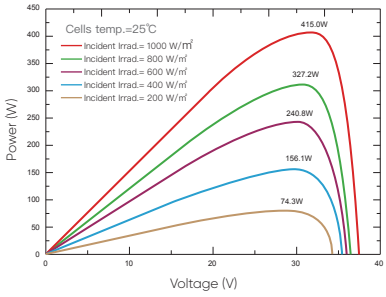


Back overview



Current-Voltage &
Power-Voltage Curves (SL5M108)





ELECTRICAL DATA (STC)

Rated Power In Watts-Pmax (Wp)	400	405	410	415
Maximum Power Voltage-Vmpp (V)	31.01	31.23	31.44	31.66
Maximum Power Current-Impp (A)	12.90	12.97	13.04	13.11
Open Circuit Voltage-Voc (V)	37.05	37.20	37.35	37.50
Short Circuit Current-Isc (A)	13.79	13.86	13.93	14.00
Module Efficiency (%)	20.5%	20.7%	21.0%	21.3%

STC: Irradiation 1000 W/m², Cell Temperature 25℃, Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA (NMOT)

Maximum Power-Pmax (Wp)	302	306	310	314
Maximum Power Voltage-Vmpp (V)	28.95	29.23	29.50	29.74
Maximum Power Current-Impp (A)	10.43	10.47	10.51	10.55
Open Circuit Voltage-Voc (V)	30.90	31.19	31.48	31.61
Short Circuit Current-Isc (A)	11.05	11.09	11.13	11.17

NOCT: Irradiation: 800 W/m², ambient temperature: 20℃, air mass: 1.5, wind speed 1 m/s

MECHANICAL CHARACTERISTICS

Solar Cells	Monocrystalline, MBB
Cell Configuration	108 cells (6 x 9 x 2)
Module Dimensions	1722 x 1134 x 30 mm
Weight	21.5 kg
Glass	High Transmission, Low Iron, Tempered ARC Glass
Back Sheet	White Back-sheet
Frame	Anodized Aluminium Alloy, Silver
J-Box	IP68, 3 bypass diodes
Cables	4.0mm², (+) 380mm, (-) 380mm or customized length
Connector	MC4 Compatible

TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature (NMOT)	44±2℃
Temperature Coefficient of Voc	-0.27% / ℃
Temperature Coefficient of Isc	0.048% / ℃
Temperature Coefficient of Pmax	-0.35% / ℃
Operational Temperature	-40℃~+85℃
Maximum System Voltage	1500VDC
Max Series Fuse Rating	25A

PACKAGING CONFIGURATION

	40 FT (HQ)
Number of Modules Per Container	936
Number of Modules Per Pallet	36
Number of Pallets Per Container	26