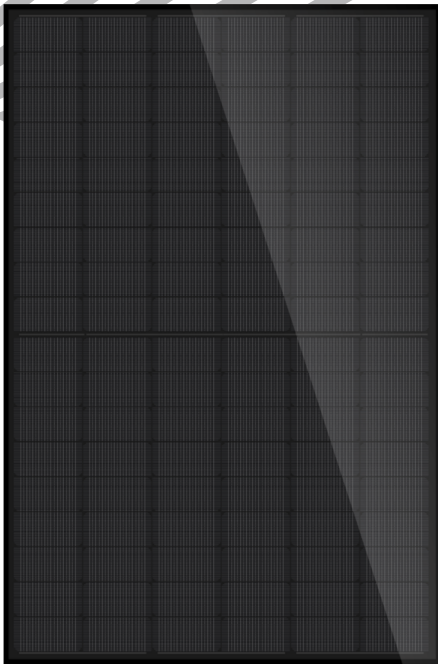


Mono Perc Half-Cell Module SEMI + MBB



SL5M108

400 W - 415 W

400 | 405 | 410 | 415

Benefits

- HIGHER POWER DENSITY**
 - Output up to 415 watt on 1.952M
 - Module efficiency high to 21.3%
 - Gain more solar power per square meter
- IP68**
 - IP68 junction boxes improve water-proof performance
- 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



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



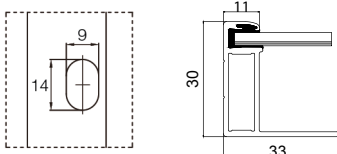
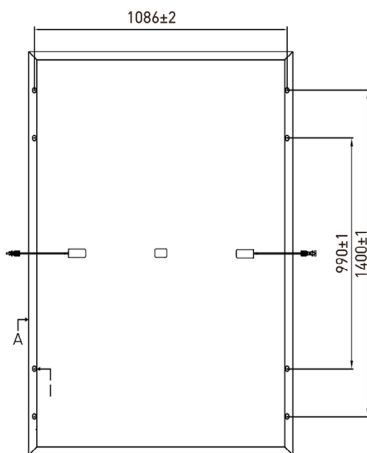
LIGHTER BUT MORE RELIABLE
 · Modules are much lighter
 · Thicker frames ensure modules much stronger



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



ENHANCED MECHANICAL LOAD
 · Wind load 2400 Pascal
 · Snow load 5400 Pascal



Temperature & maximum ratings

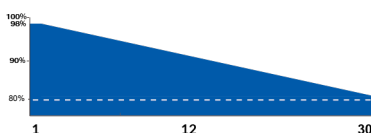
Nominal Module Operating Temperature (NMOT)	44±2°C
Temperature Coefficient of Voc	-0,27%/°C
Temperature Coefficient of Isc	0.048%/°C
Temperature Coefficient of Pmax	-0.35%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500 V DC
Max Series Fuse Rating	25 A

Packaging configuration

	40 FT (HQ)
Number of Modules Per Container	936
Number of Modules Per Pallet	36
Number of Pallets Per Container	26
Packing dimension	1755 x 1120 x 1280 mm

RELIABLE MANUFACTURER SUNLINK PV

- 16 years of high efficiency manufacturing experience solar cells and modules.
- Over 10 years on the Polish market.
- SunLink PV products and solutions are sold in over 40 countries around the world.
- 25-year product warranty on materials and workmanship.



400 W - 415 W

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	Black Back-sheet
Frame	Anodized Aluminium Alloy, Black
J-Box	IP68, 3 bypass diodes
Cables	4.0mm ² , (+) 380mm, (-) 380mm or customized length
Connector	MC4 Compatible

Electrical Data (STC)

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

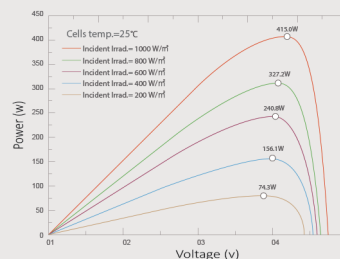
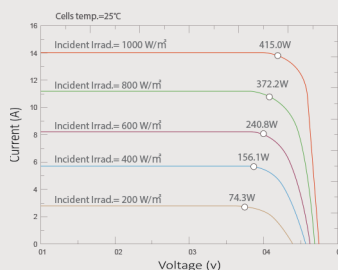
STC: Irradiation 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

Electrical Data (NMOT)

	400 W Mono	405 W Mono	410 W Mono	415 W Mono
Maximum Power-Pmax (Wp)	302 W	306 W	310 W	314 W
Maximum Power Voltage-Vmpp (V)	28.95 V	29.23 V	29.50 V	29.74 V
Maximum Power Current-Impp (A)	10.43 A	10.47 A	10.51 A	10.55 A
Open Circuit Voltage-Voc (V)	30.90 V	31.19 V	31.48 V	31.61 V
Short Circuit Current-Isc (A)	11.05 A	11.09 A	11.13 A	11.17 A

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

Current-Voltage & Power-Voltage Curves (SL5M108)



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