

MONO PERC HALF CELL MODULE

SEMI+MBB

LNE6M132
655-670WATT



HIGHER POWER DENSITY

- Output up to 670watt on 3.106M²
- Module efficiency high to 21.6%
- 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



ENHANCED MECHANICAL LOAD

- Wind load 2400 Pascal
- Snow load 5400 Pascal



APPLIED UNDER STRICT CONDITIONS

- Modules could be applied under ammonia, salt mist, high temperature, high humidity condition



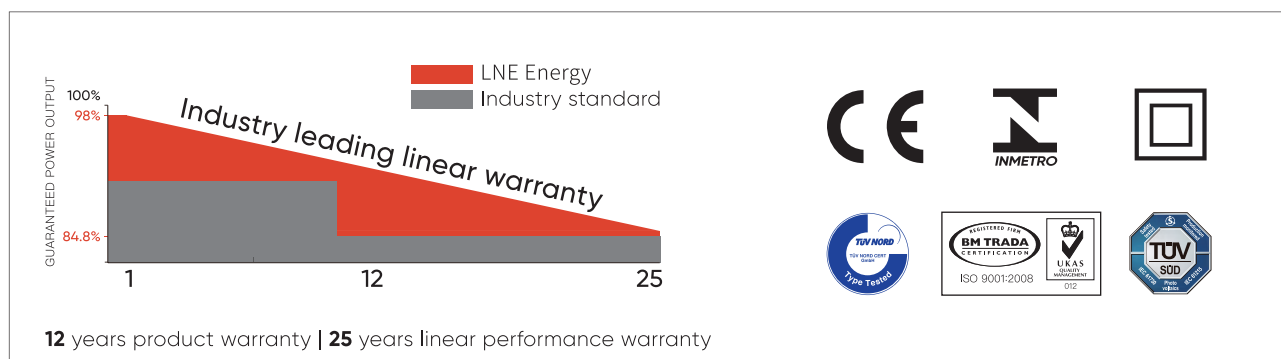
IP68

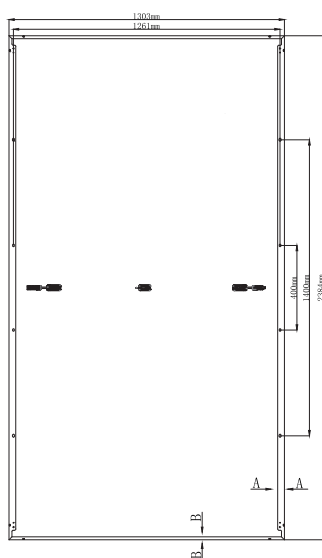
- IP68 junction boxes improve water-proof performance



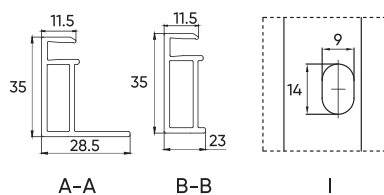
EXCELLENT FIRE-PROOF PERFORMANCE

- Modules have passed anti-fire test

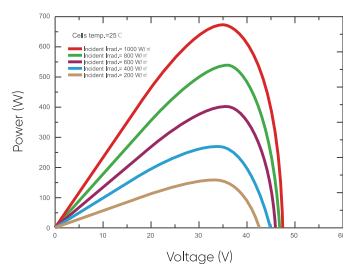
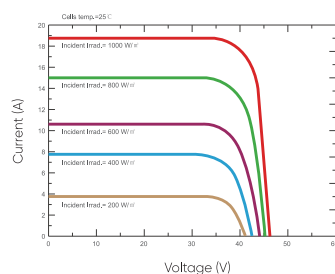




Back Overview



Current-Voltage & Power-Voltage Curves



ELECTRICAL DATA (STC)

Rated Power In Watts-Pmax (Wp)	655	660	665	670
Maximum Power Voltage-Vmpp (V)	37.90	38.10	38.30	38.50
Maximum Power Current-Impp (A)	17.29	17.33	17.37	17.41
Open Circuit Voltage-Voc (V)	45.70	45.90	46.10	46.30
Short Circuit Current-Isc (A)	18.30	18.35	18.40	18.45
Module Efficiency (%)	21.00%	21.20%	21.40%	21.60%

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

ELECTRICAL DATA (NMOT)

Maximum Power-Pmax (Wp)	495	499	503	507
Maximum Power Voltage-Vmpp (V)	35.30	35.50	35.70	35.90
Maximum Power Current-Impp (A)	14.02	14.06	14.09	14.13
Open Circuit Voltage-Voc (V)	42.80	43.00	43.20	43.40
Short Circuit Current-Isc (A)	14.74	14.78	14.82	14.86

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

MECHANICAL CHARACTERISTICS

Solar Cells	Monocrystalline, MBB
Cell Configuration	132 cells (6 x 11 x 2)
Module Dimensions	2384 x 1303 x 35 mm
Weight	34.2 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°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	1500VDC
Max Series Fuse Rating	35A

PACKAGING

	40FT (HQ)
Number of Modules Per Container	558
Number of Modules Per Pallet	31
Number of Pallets Per Container	18