



LUCKSOLAR
应天光电

Cleaner Solar, Smarter Life.

LS-9M132

Cell Type
210mm

645-665 Watt

Half-Cell MBB MONO PERC MODULE



Multi Busbar Solar Cell, Stronger current collection ability;



Half cell structure brings low resistance, higher lifetime generating capacity, simultaneously lower annual power degradation;



Excellent power performance under Low-Light condition due to multi busbar; better shading response benefit from half cell module;



Excellent anti-microcracking performance with more balanced interior stress;

ELECTRICAL SPECIFICATIONS

Module Type	LS-9M132-645	LS-9M132-650	LS-9M132-655	LS-9M132-660	LS-9M132-665
Testing Condition	STC	STC	STC	STC	STC
Rated output (Pmp/Wp)	645	650	655	660	665
Rated voltage (Vmp/V)	37.18	37.40	37.62	37.84	38.06
Rated current (Imp/A)	17.35	17.38	17.41	17.44	17.48
Module efficiency (%)	20.76%	20.92%	21.09%	21.25%	21.41%
Power Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5

Standard Test Condition(STC): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

Nominal module operating(NMOT): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s

MECHANICAL SPECIFICATIONS

Cell Type	MBB MONO 210×105mm
No. of Cells	132 (12×11)
Dimensions	2384×1303×35mm
Weight	33.9 kg
Glass	3.2mm, Low Iron Tempered Glass
Frame	Anodized Aluminium Alloy (silver or black)
Junction Box	IP67/IP68, 3 diodes
Output Cables	4mm ² , (+)300mm, (-) 300mm or Customized Length
Connector type	MC4 compatible

TEMPERATURE CHARACTERISTICS

NMOT	43°C ±2°C
Temperature Coefficient (Pmax)	-0.34%/°C
Temperature Coefficient (Voc)	-0.25%/°C
Temperature Coefficient (Isc)	0.04%/°C

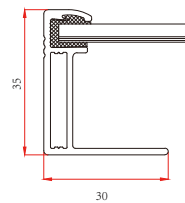
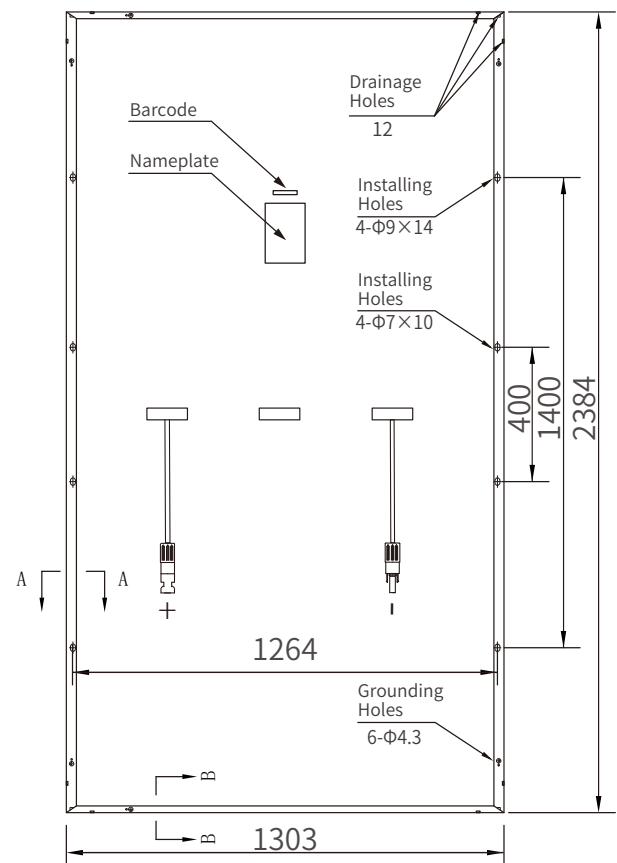
MAXIMUM RATINGS

Maximum system voltage (IEC)	1500V DC
Snow/Wind	5400Pa/2400Pa
Operating Temperature	-40°C ~ +85°C
Maximum series fuse rating	30A

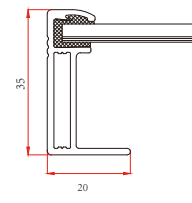
PACKING CONFIGURATIONS

Per Pallet	31 Pcs
Per 40' HQ Container	558 Pcs

ENGINEERING DRAWINGS



A-A



B-B



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