

Infinite Power

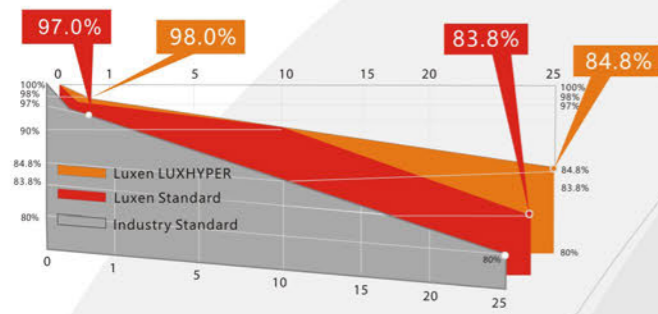
LUXHYPER® Half-cut cell modules

6 inches / 72 cells

LUXHYPER® series (Super-efficiency half-cell Modules) Assembled with the advanced half-cell technology offer the advantages of higher power output, reduced series resistance loss, and lower risk of hot spot. In order to meet the Clients' requirements of best quality and efficiency.

LINEAR PERFORMANCE WARRANTY

10 -Year Product Warranty • 25 -Year Linear Power Warranty



ISO9001:2015&ISO14001 management systems

IEC61215 & IEC61730 standard quality

0-5W positive power sorting

Stable performance under weak light conditions

Smaller electric current, less CTM loss
Lower risk of hot spot

Wind load up to 3800Pa
Snow load up to 5400Pa

Salt mist and ammonia corrosion tests passed

10-year 25-year
25-year power warranty
10-year product warranty



Insured by **PICC** **CRUBB**

LUXEN

6 inches / 72 cells

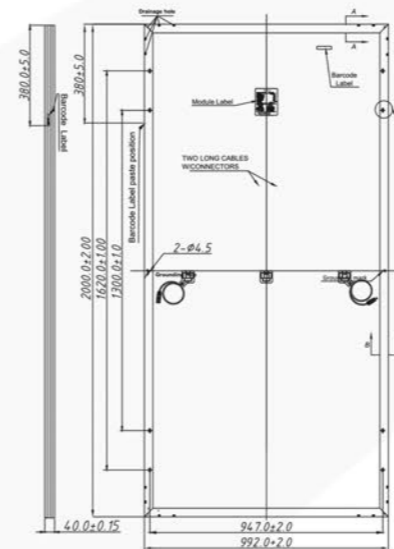
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MONO	STC	LNSF-360M	LNSF-365M	LNSF-370M	LNSF-375M
Maximum Power (P _{max})		360W	365W	370W	375W
Open Circuit Voltage (V _{oc})		47.8V	48.0V	48.3V	48.5V
Short Circuit Current (I _{sc})		9.70A	9.77A	9.83A	9.89A
Voltage at Maximum Power (V _{mpp})		39.1V	39.3V	39.6V	39.8V
Current at Maximum Power (I _{mpp})		9.21A	9.29A	9.35A	9.43A
Module Efficiency (%)		18.15%	18.40%	18.65%	18.90%

POLY	STC	LNSE-340P	LNSE-345P	LNSE-350P	LNSE-355P
Maximum Power (P _{max})		340W	345W	350W	355W
Open Circuit Voltage (V _{oc})		46.4V	46.6V	46.9V	47.1V
Short Circuit Current (I _{sc})		9.40A	9.47A	9.53A	9.60A
Voltage at Maximum Power (V _{mpp})		38.3V	38.6V	38.9V	39.2V
Current at Maximum Power (I _{mpp})		8.89A	8.95A	9.02A	9.08A
Module Efficiency (%)		17.14%	17.39%	17.64%	17.89%

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5;
Best in Class AAA solar simulator(IEC 60904-9) used, power measurement uncertainty is within +/-3%

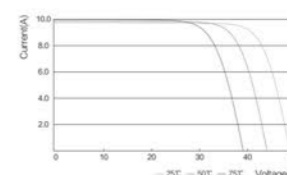


Mechanical Characteristics	
Solar Cell	156×156mm(6 inches)
No. of Cells	72(6×12)
Dimensions	2000×992×40mm
Weight	23.0kgs
Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67/IP68 rated(3 by pass diodes)
Output Cables	4.0mm ² , symmetrical length 300mm
Connectors	MC4 compatible
Mechanical load test	5400Pa

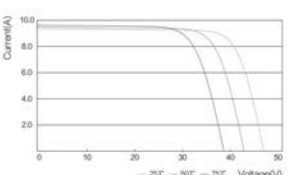
Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC) 1000V DC(UL)
Maximum Series Fuse Rating	15A
Power Tolerance	0/+5W
Temperature Characteristics	
Nominal Operating Cell Temperature (Noct)	45±2°C
Temperature Coefficient of P _{max}	-0.39°C
Temperature Coefficient of V _{oc}	-0.30°C
Temperature Coefficient of I _{sc}	+0.05%/°C

Packing Configuration		
Container	20'GP	40'GP
Pieces per pallet	26	26
Pallets per container	10	22
Pieces per container	260	572

LNSE-365M/I-V



LNSE-345P/I-V



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