

# LA SOLAR

## MONO MODULE

LS390-420HC



- High conversion efficiency
- Outstanding low irradiation performance
- Less shading effect
- Excellent loading capability
- Higher ROI
- Strong physical Property



### QUALIFICATIONS AND CERTIFICATES



Intertek  
5020665



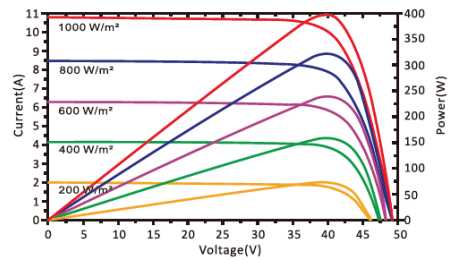
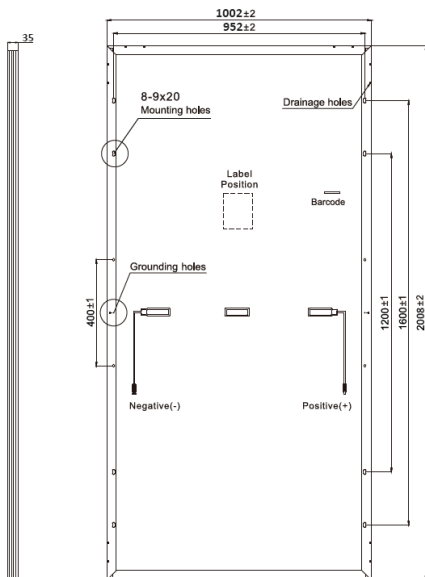
UL/IEC61215, UL/IEC61730  
ANTI-PID IEC TS 62804-1:2015  
ISO9001, ISO14001, ISO45001



MODEL TYPE	LS390HC	LS395HC	LS400HC	LS405HC	LS410HC	LS415HC	LS420HC
Peak Power (Pmax)	390W	395W	400W	405W	410W	415W	420W
Module Efficiency	19.39%	19.63%	19.89%	20.14%	20.41%	20.61%	20.93%
Maximum Power Voltage (Vmp)	40.25A	40.35A	40.45A	40.55A	40.65A	40.70A	40.80A
Maximum Power Current (Imp)	9.70V	9.81V	9.90V	10.00V	10.10V	10.20V	10.30V
Open Circuit (Voc)	48.30V	48.45V	48.60V	48.75V	48.90V	49.00V	49.10V
Short Circuit Current (Isc)	10.30A	10.40A	10.50A	10.60A	10.70A	10.80A	10.90A
Power Tolerance	± 3 %						
Maximum system Voltage Nominal	1500V						
Operating Cell Temperature	44.4 ± 2°C						
Maximum Series Fuse Rating	20A						

MECHANICAL DATA		TEMPERATURE CHARACTERISTICS	
Cell Type	Monocrystalline PERC, 9BB	Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Number of Cells	144 (6x12+6x12)	Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Weight	23.0kg	Temp. Coeff. of Pmax (TK Pmax)	-0.37% /°C
Dimension	2008x1002x35mm	PACKING MANNER	
Max Load	5400 Pascals	Container	40'HQ
Junction Box	IP68	Pieces per Pallet	30
Connector	MC4	Pieces per Container	600
Wire type	compatible PV wire		
Fire Performance	Type 1		
Protection Class: Class II (Classified as per IEC 61140)			

PHISICAL CHARACTERISTICS	ELECTRICAL CHARACTERISTICS
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1-V characteristics at different temperatures

