

For a Free Quote:

Web: **EnergyPal.com/solar**

Call: **1-800-990-3725**

Email: **contact@energypal.com**

EnergyPal

Solar Panel Guide Specification Data Sheet

Jiangsu Luck PV-Tech Co., Ltd.

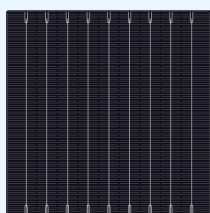
LS-M72 375-400W

LS-M72-385

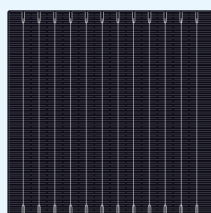
Also available on the web at
EnergyPal.com/jiangsu-luck-pv-tech-co-ltd-solar-panels/ls-m72-385

375-400 Watt LS-M72

Full-Cell MBB MONO PERC MODULE



9BB



12BB



KEY FEATURES



Multi Busbar Solar Cell

Stronger current collection ability, Special circuit design with much lower hot spot temperature;



Module efficiency up to 20.17%

Higher power brings lower kilowatt-hour cost, higher lifetime generating capacity, simultaneously lower annual power attenuation;



PID Resistant

Excellent PID resistance at 96 hours (85°C/85%) test, and also can be improved to meet higher standards for the particularly harsh environment;



Low-Light Performance

Excellent power generation performance under Low-Light condition due to multi busbar;



Anti-Crack

Excellent anti-microcracking performance with more balanced interior stress;

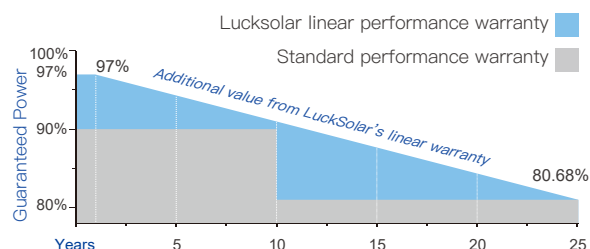


Strength and Durability

Certified for 5400Pa snow and 2400Pa loads test;

Linear Performance Warranty

12 Years Product Warranty · 25 Years Linear Power Warranty



Product And Quality Certifications

ISO 9001:2008

ISO 14001:2004

OHSAS 18001:2007



HQ: No.99, Longxi Avenue, Zhulin Town, Jintan District, Changzhou. Division: No.16, Zhouzhuang Technology Park, Jiepai Town, Binhai County, Yancheng.

Lucksolar is the world's leading green energy provider, committed to making clean energy illuminate every corner of the world. We strive to provide high-efficiency, high-quality and low-cost clean energy solutions. LuckSolar insists on continuous innovation around customer needs. We invest heavily in technology research, and promotes green energy in the world.

+86 519 68905758

service@lucksolar.com

www.lucksolar.com

ELECTRICAL SPECIFICATIONS

Module Type	LS-M72-375		LS-M72-380		LS-M72-385		LS-M72-390		LS-M72-395		LS-M72-400	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated output (Pmp/Wp)	375	278.50	380	282.22	385	285.98	390	288.97	395	292.76	400	296.58
Rated voltage (Vmp/V)	39.60	36.50	39.80	36.70	39.98	36.90	40.17	37.00	40.35	37.20	40.53	37.40
Rated current (Imp/A)	9.47	7.63	9.55	7.69	9.63	7.75	9.71	7.81	9.79	7.87	9.87	7.93
Open circuit voltage (Voc/V)	48.00	44.50	48.20	44.70	48.40	44.90	48.60	45.10	48.80	45.30	49.00	45.50
Short circuit current (Isc/A)	10.05	8.12	10.13	8.19	10.21	8.25	10.29	8.32	10.37	8.39	10.45	8.46
Module efficiency (%)	18.91%		19.16%		19.42%		19.67%		19.92%		20.17%	
Power Tolerance (W)	0~+5		0~+5		0~+5		0~+5		0~+5		0~+5	

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

Nominal Operating Cell Temperature(NOCT): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s

TEMPERATURE CHARACTERISTICS

NOCT Temperature	5°C ±2°C
Temperature Coefficient (Pmax)	-0.39%/K
Temperature Coefficient (Voc)	-0.30%/K
Temperature Coefficient (Isc)	0.06%/K

MAXIMUM RATINGS

Maximum system voltage (IEC)	1500V DC
Snow/Wind	5400Pa/2400Pa
Operating Temperature	-40°C ~ +85°C
Maximum series fuse rating	20A

MECHANICAL SPECIFICATIONS

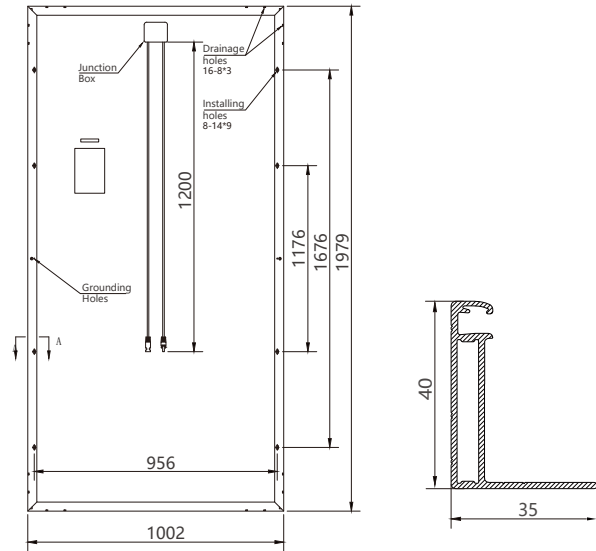
Cell Type	12BB/9BB MONO 158.75×158.75mm
No. of Cells	72 (6×12)
Dimensions	1979×1002×40mm
Weight	22.5kg
Glass	3.2mm, Low Iron Tempered Glass
Frame	Anodized Aluminium Alloy (silver or black)
Junction Box	IP67/IP68, 3 diodes
Output Cables	4mm ² , Length 1200mm
Connector type	MC4 compatible

PACKING CONFIGURATIONS

Per Pallet	27 Pcs
Per 20' GP Container	270 Pcs
Per 40' HQ Container	638 Pcs

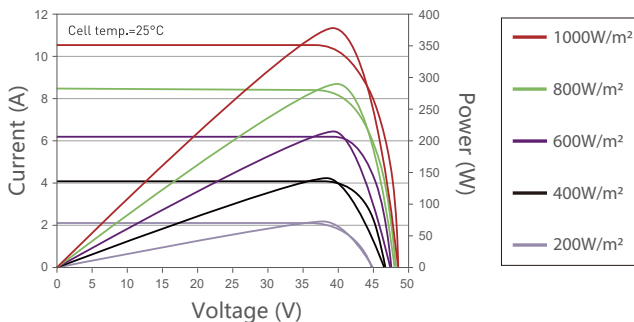
ENGINEERING DRAWINGS

Engineering Drawings



CURVE & TEMPERATURE DEPENDENCE

I-V CURVE (385W)



Current-Voltage curves (385W)

