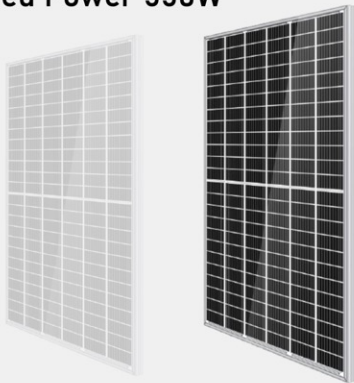


# LP182\*182-M-72-MH

## Rated Power 550W



### MBB Cell

New circuit design, lower internal current, lower internal resistance loss.

### Higher Output Power

Module adopts 144 pcs of 182\*182mm half cells, the max power can reach 550W.

### Harsh Enviromental Adaptability

Strict salt spray and ammonia corrosion test by TUV Nord.

### Low Light Features

Higher performance under low light environment.

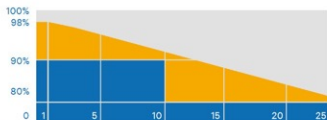
### PID Protection

Ensure the attenuation probability caused by PID phenomenon is minimized.

### Load Capacity

Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV Nord..

■ Lepton Linear Power Warranty ■ Industry Warranty



Manufacturer: Lepton Solar Co., Ltd.

Distributed by : JapanSolar Philippines Inc.



\*J-PEC Product



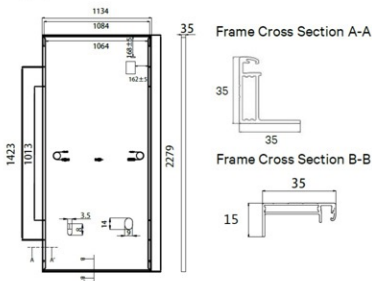
IEC 61215-2: 2016  
IEC 61730-2: 2016

**Tier-1 Listed**

**By BloombergNEF**



## MECHANICAL DIAGRAMS



## SPECIFICATIONS

Weight	28kg
Dimensions	2279mm*1134mm*35mm
Cell Dimensions	182*182mm
Cell Amount	72*2 pcs
Max System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm <sup>2</sup> , Landscape: N 1400mm/P 1400mm Portrait: N 300mm/P 300mm
Connector	MC4 compatible
Application Level	Class A

## ELECTRICAL PARAMETERS AT STC

Power	550W
Open Circuit Voltage	49.80V
Short Circuit Current	13.99A
Max Power Voltage	41.60V
Max Power Current	13.23A
Module Efficiency	21.28%

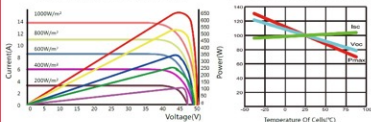
## TEMPERATURE CHARACTERISTICS

NMOT	41 ± 3°C
Temp Coefficient of VOC	-0.28%/°C
Temp Coefficient of ISC	+0.05%/°C
Temp Coefficient of Pmax	-0.36%/°C

## CHARACTERISTICS

LP182\*182-M-72-MH-530W

LP182\*182-M-72-MH-530W


**15**  
 YEARS

 QUALITY  
 WARRANTY

**25**  
 YEARS

 POWER  
 WARRANTY

Manufacturer: Leapton Solar Co., Ltd.

Distributed by: JapanSolar Philippines Inc.

## PACKING CONFIGURATION

Modules/Pallet	31 Pieces
Packing Description	20 Pallets, Total = (31+31)x10 = 620 Pcs
Modules/40'Container	620 Pieces

## MAXIMUM RATING

Output Tolerance	0--+5W
Operating Temp	-40°C--+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	25A