

LP158*158-M-66-H

Rated Power 335-365W



5BB Cell
More uniform current collection capability, reducing the current heat loss of the internal cells.



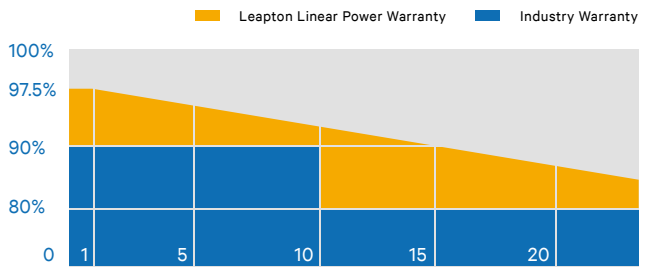
Low Light Features
Higher performance under low light environment.



Higher Output Power
The output power of 132 half-cells Monocrystalline modules is up to 365W.

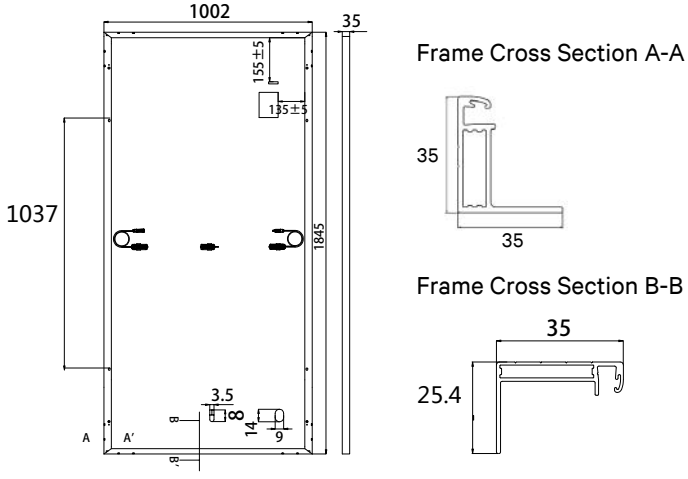


Load Capacity
Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV Nord.



• IEC61215
• IEC61730

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	21kg
Dimensions	1845mm*1002mm*35mm
Cell Amount	66*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² , Landscape: N 1100mm/P 1100mm Portrait: N 150mm/P 300mm
Connector	PV-GZX 1500 PV-TS02
Application Level	Class A
Country of Manufacturer	China

ELECTRICAL PARAMETERS AT STC

Power	LP158*158-M-66-H-335W	LP158*158-M-66-H-340W	LP158*158-M-66-H-345W	LP158*158-M-66-H-350W	LP158*158-M-66-H-355W	LP158*158-M-66-H-360W	LP158*158-M-66-H-365W
Open Circuit Voltage	44.00V±5%	44.30V±5%	44.50V±5%	44.75V±5%	45.00V±5%	45.25V±5%	45.50V±5%
Short Circuit Current	9.72A±5%	9.81A±5%	9.90A±5%	9.99A±5%	10.09A±5%	10.17A±5%	10.26A±5%
Maximum Power Voltage	36.70V	36.90V	37.10V	37.30V	37.50V	37.70V	37.90V
Maximum Power Current	9.13A	9.21A	9.30A	9.38A	9.47A	9.55A	9.63A
Module Efficiency	18.1%	18.3%	18.6%	18.8%	19.1%	19.4%	19.7%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL PARAMETERS AT NMOT

Power	252W	256W	260W	264W	267W	271W	275W
Open Circuit Voltage	42.80V	43.10V	43.30V	43.55V	43.80V	44.05V	44.30V
Short Circuit Current	7.68A	7.75A	7.82A	7.89A	7.97A	8.03A	8.11A
Maximum Power Voltage	34.80V	35.00V	35.20V	35.40V	35.60V	35.80V	36.00V
Maximum Power Current	7.25A	7.31A	7.38A	7.45A	7.51A	7.57A	7.63A
Module Efficiency	13.6%	13.8%	14.0%	14.2%	14.4%	14.6%	14.8%

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

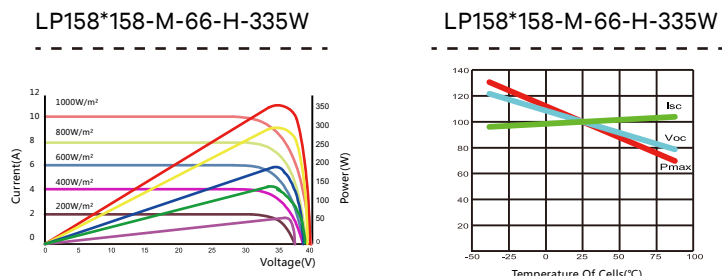
TEMPERATURE CHARACTERISTICS

NMOT	45±3°C	Temp Coefficient of ISC	+0.05%/°C
Temp Coefficient of VOC	-0.28%/°C	Temp Coefficient of Pmax	-0.36%/°C

PACKING CONFIGURATION

Modules/Pallet	31 Pieces	Modules/40'Container	828 Pieces
Packing Description	24 Pallets, Total=(31+31+7)x12=828 Pieces		

CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	±3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	15A

