

NEBULA SERIES

MONO PERC
108-cell MODULE

EG-300M54-HL-WB.A


300W


ADVANTAGE DESCRIPTION


01 Free color
multiple colors are available, stable without color difference


02 Extraordinary adaptability
Flexible configuration, suitable for various roof scenarios


KEY FEATURES


 **SMBB cell design**
Super multi Busbar cells bring lower resistance and increased Busbar reflectance, ensuring higher power output

 **PID Resistant**
Excellent PID resistance performance optimized by unique structural design

 **High Reliability**
Strict in-house testing in PV Lab which is CNAS approved & TUV /VDE certified

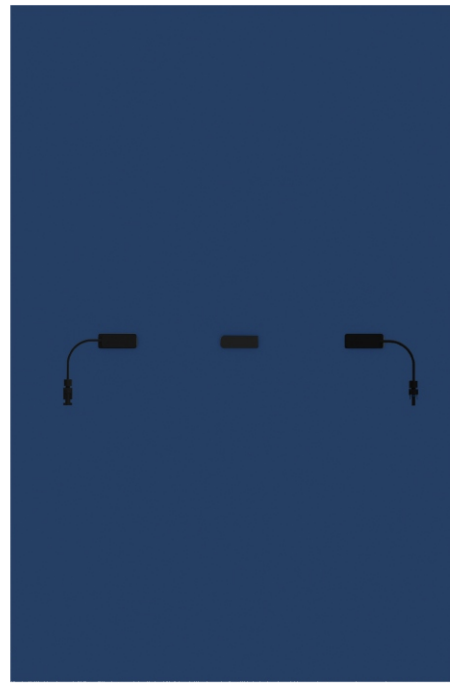
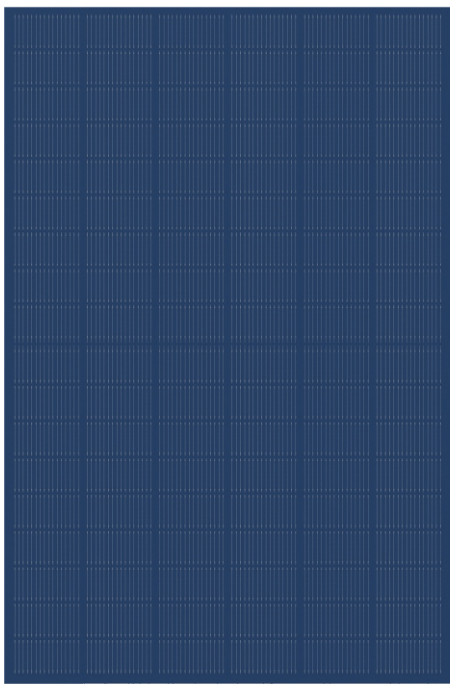
 **Excellent Low-light Performance**
Advanced solar cell and glass surface texturing technology allows for excellent performance in low-light environments

 **Highly Mechanical Load Design**
Certified to withstand: 5400Pa snow load and 2400Pa wind load

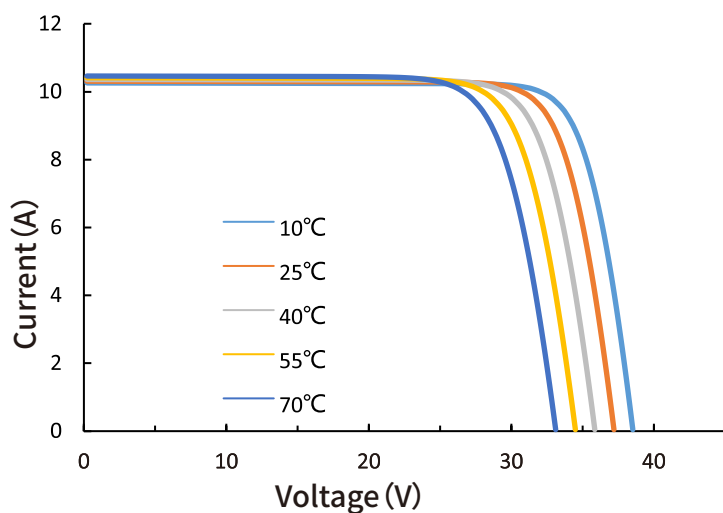
 **Low degradation**
Adopt N-Type TOPCon cell technology, lower degradation and better temperature co-efficiency, greatly increased on generation performance

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Engineering Drawings



I-V Curves



Electrical Characteristics

Power level	300
Pmax (W)	300
Vmp (V)	30.83
Imp (A)	9.75
Voc (V)	37.00
Isc (A)	10.39
FF (%)	78.20
Maximum system voltage (V)	1500
Fuse Rating (A)	25
Temperature coefficient Pmax (%/°C)	-0.29
Temperature coefficient Isc (%/°C)	0.046
Temperature coefficient Voc (%/°C)	-0.24

Mechanical Characteristics

Number of cells	108pcs
Size of cell (mm)	182*91
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	1722*1134*30
Weight (kg)	20.2



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