

FANTASY SERIES

N-TOPCon
108-cell MODULE

EG-340NT54-HL-RB.I

340W

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

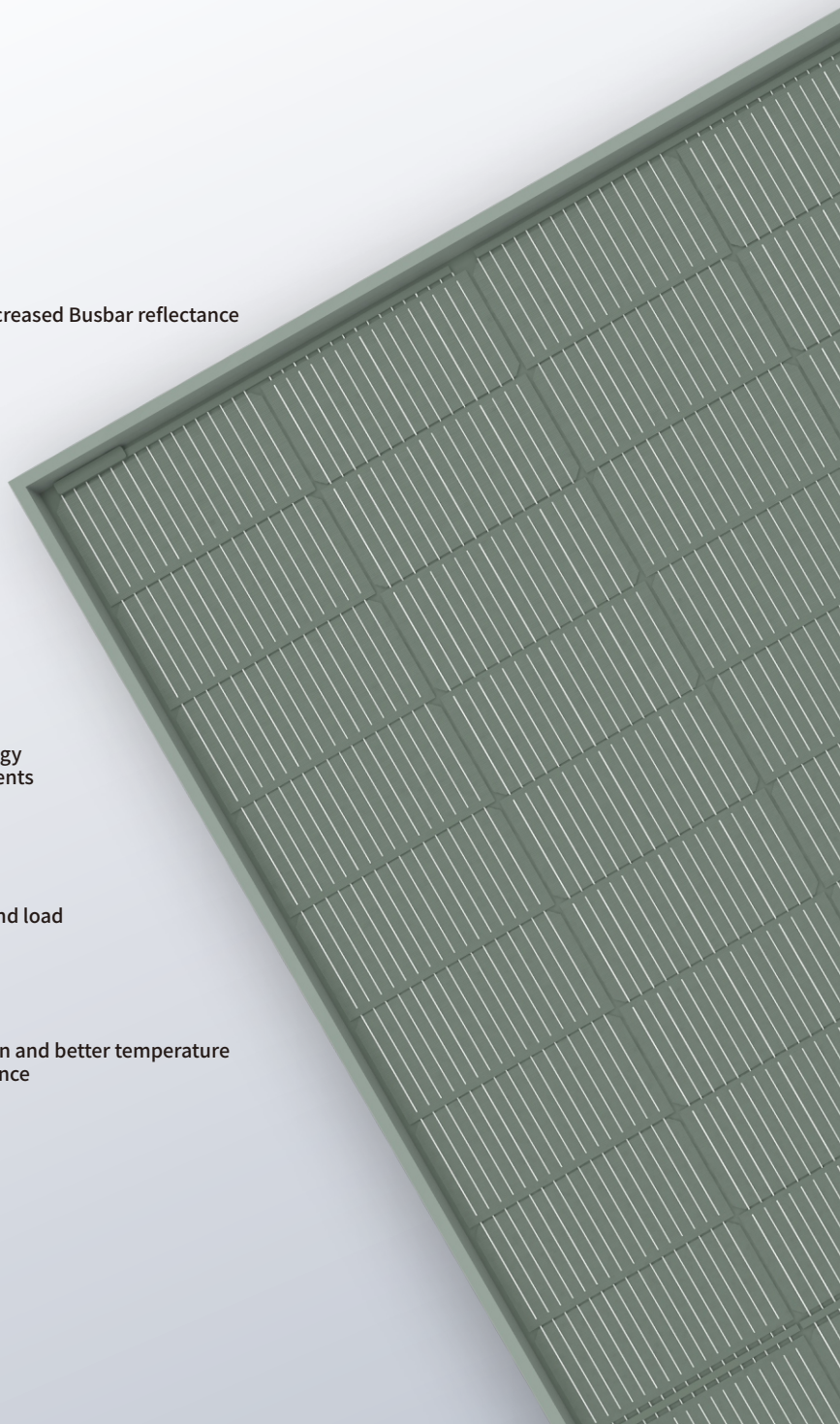
 **PID Resistant**
Excellent PID resistance performance optimized by unique structural design

 **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

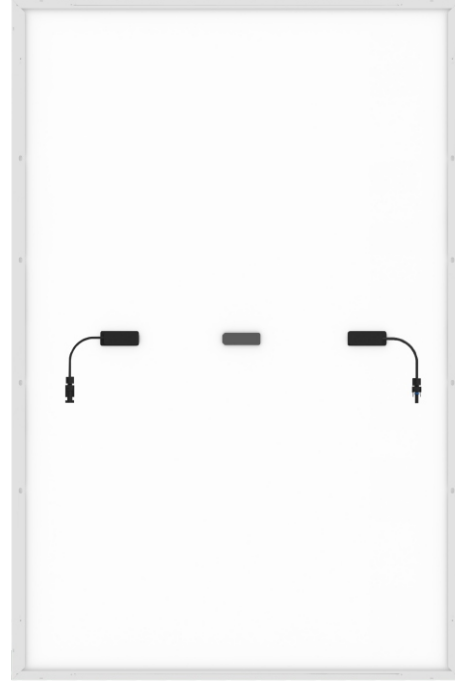
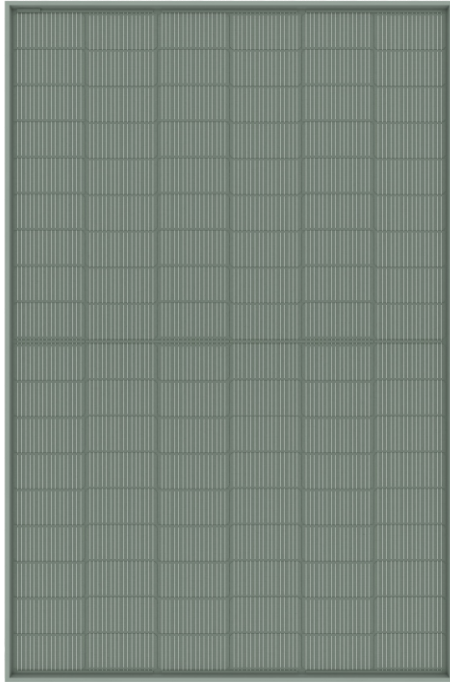
 **Highly Mechanical Load Design**
Certified to withstand: 5400Pa snow load and 2400Pa wind load

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

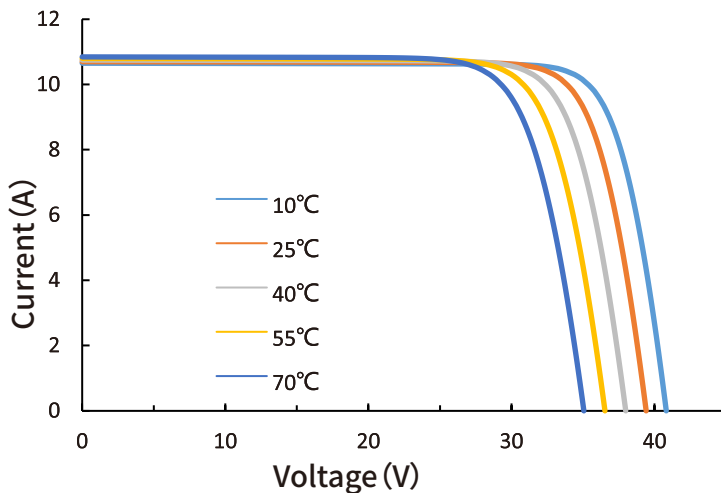


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Engineering Drawings



I-V Curves



Electrical Characteristics

Power level	340
P _{max} (W)	340
V _{mp} (V)	33.40
I _{mp} (A)	10.18
V _{oc} (V)	39.41
I _{sc} (A)	10.70
FF (%)	80.63
Maximum system voltage (V)	1500
Fuse Rating (A)	25
Temperature coefficient P _{max} (%/°C)	-0.29
Temperature coefficient I _{sc} (%/°C)	0.046
Temperature coefficient V _{oc} (%/°C)	-0.24

Mechanical Characteristics

Number of cells	108pcs
Size of cell (mm)	182*91
Type of cell	N-type 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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