

KNOW MORE ABOUT US

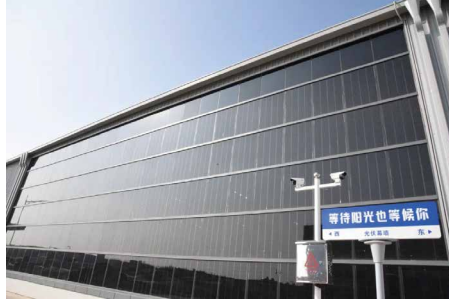
Web: <https://purebipv.com/>



BIPV MODULE

Product
Brochure

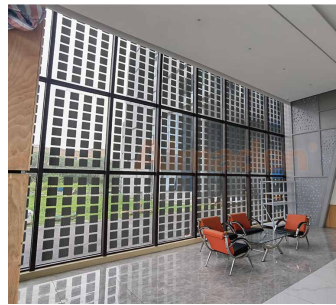
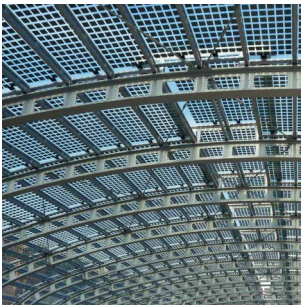
Rainbow Series



Cloud Series



Starlight Series



Key Features



High efficiency
Crystalline Silicon
BIPV



Excellent Performance
Comply with
Building Standards



Suitable for
Building Curtain Walls
and Roofs



High reliability, comply with building standards

Adapt to all kinds of harsh environment and inclement weather

Through strict environmental testing experience, fire performance reached A class



Green

No pollution, no radiation, no noise

Energy saving

High photoelectric conversion efficiency, reduce building energy consumption, and increase income

Sound insulation and thermal insulation

Noise insulation, solar radiation reduction



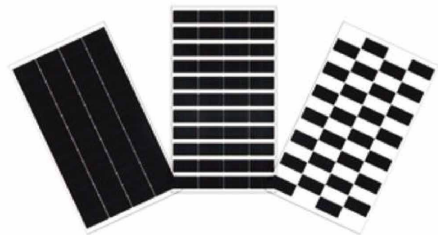
Customized design

Customized design, suitable for different architectural styles

Aesthetic effect

More lasting high temperature process, no fading, no discoloration

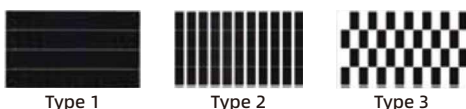
EM-N28MI



The Size of Module



More Colors(Customizable)



Key Features

Both Light Transmission and Power Generation

Perfect intergration with the architecture

Class A Fire Protection

Comply with building standards

LoW-E glass used in combination

Reduce indoor light radiation

N-type TOPCon Cell

Higher power generation efficiency

Eletrical Characteristics

SPECIFICATION	Type 1	Type 2	Type 3
Light Transmittance	10%	30%	55%
No. of Cells	4*14	4*11	4*7
Maximum Power (Pmax)	225	175	110
Open-circuit Voltage(Voc)	20.11	15.80	10.05
Short-circuit Voltage(Isc)	14.43	14.43	14.43
Maximum Power Voltage(Vmp)	16.64	13.34	8.76
Maximum power Current(Imp)	13.67	13.40	12.99
Module Efficiency(%)	21.79%	16.95%	10.65%

STC:Irradiance 1000W/m² , module temperature 25°C , AM=1.5

Operating Condition

Maximum System Voltage	1500VDC
Maximum Fuse Rating	30A
Operating Temperature	-40°C to 85°C

Temperature Characteristics

NMOT(Nominal Operating Cell Temperature)	45±2°C
Temperature Coefficient of Pmax	-0.29%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.045%/°C

Structural Material

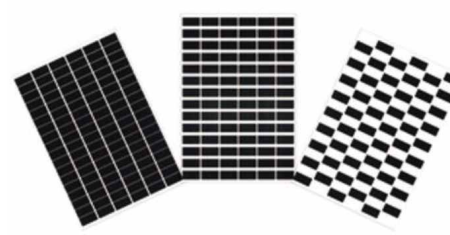
Glass Material/Thickness	Tempered glass /5mm(Customizable)
Packaging Material	PVB
Junction Box Protection Level	IP68
Cable Length/Conductor Cross-sectional Area	(+)350mm;(-)250mm; Customizable/4mm ²
Connector Type/Protection Level	MC4 compatible/IP68
Packing Method	L-frame/Wooden Box(Customizable)
Dimensions	1350*765*11mm
Cell Size	182*91mm
No. of Cell	4*14
Weight	17.5kg

More Glass Thickness(Customizable)

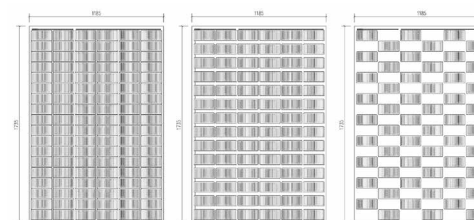
Glass thickness(mm):4/5/6/8/10

*For more customizations of colors, sizes, shapes, various installation methods, please contact Pure

EM-N54MI



The Size of Module



More Colors(Customizable)



Key Features

Both Light Transmission and Power Generation

Perfect intergration with the architecture

Class A Fire Protection

Comply with building standards

LoW-E glass used in combination

Reduce indoor light radiation

N-type TOPCon Cell

Higher power generation efficiency

Eletrical Characteristics

SPECIFICATION	Type 1	Type 2	Type 3
Light Transmittance	13%	32%	56%
No. of Cells	6*18	6*14	6*9
Maximum Power (Pmax)	435	335	215
Open-circuit Voltage(Voc)	38.63	29.93	19.31
Short-circuit Voltage(Isc)	14.37	14.31	14.37
Maximum Power Voltage(Vmp)	31.95	26.50	16.82
Maximum power Current(Imp)	13.62	13.56	12.94
Module Efficiency(%)	21.16%	16.29%	10.46%

STC:Irradiance 1000W/m² , module temperature 25°C , AM=1.5

Operating Condition

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Temperature Characteristics

NMOT(Nominal Operating Cell Temperature)	45±2°C
Temperature Coefficient of Pmax	-0.29%/°C
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Structural Material

Glass Material/Thickness	Tempered glass /5mm(Customizable)
Packaging Material	PVB
Junction Box Protection Level	IP68
Cable Length/Conductor Cross-sectional Area	(+)350mm;(-)250mm; Customizable/4mm ²
Connector Type/Protection Level	MC4 compatible/IP68
Packing Method	L-frame/Wooden Box(Customizable)
Dimensions	1350*765*11mm
Cell Size	182*91mm
No. of Cell	4*14
Weight	17.5kg

More Glass Thickness(Customizable)

Glass thickness(mm):4/5/6/8

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EM-N28MI

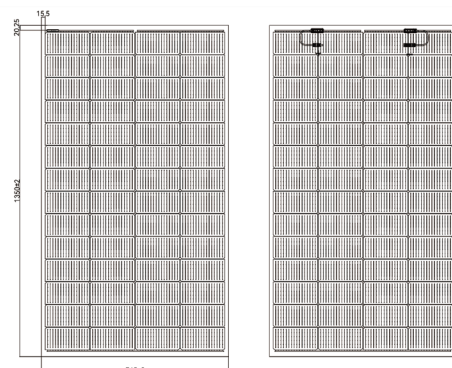


Electrical Characteristics

SPECIFICATION	Purple	Red	Blue	Dark Gray	Light Gray
Maximum Power (Pmax)	150	140	150	170	140
Open-circuit Voltage(Voc)	19.08	19.04	19.11	19.06	19.02
Short-circuit Voltage(Isc)	7.94	7.22	8.66	7.50	6.49
Maximum Power Voltage(Vmp)	16.72	16.68	16.74	16.70	16.66
Maximum power Current(Imp)	7.52	6.84	8.20	7.11	6.15
Module Efficiency(%)	12.12%	11.02%	13.22%	11.46%	9.91%

STC:Irradiance 1000W/m² , module temperature 25°C , AM=1.5

The Size of Module



Operating Condition

Maximum System Voltage	1500VDC
Maximum Fuse Rating	30A
Operating Temperature	-40°C to 85°C

Temperature Characteristics

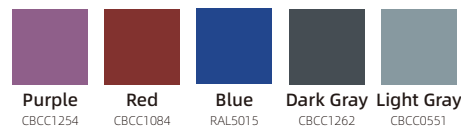
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Structural Material

Glass Material/Thickness	Tempered glass /5mm(Customizable)
Packaging Material	PVB
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Cable Length/Conductor Cross-sectional Area	(+)350mm;(-)250mm; Customizable/4mm ²
Connector Type/Protection Level	MC4 compatible/IP68
Packing Method	L-frame/Wooden Box(Customizable)
Dimensions	1350*765*11mm
Cell Size	182*91mm
No. of Cell	4*14
Weight	17.5kg

More Colors(Customizable)

*More colors can be customized.



Key Features

Brilliant Colors

Suitable for more architectural styles

Class A Fire Protection

Comply with building standards

High Temperature Process

No fading, no discoloration

N-type TOPCon Cell

Higher power generation efficiency

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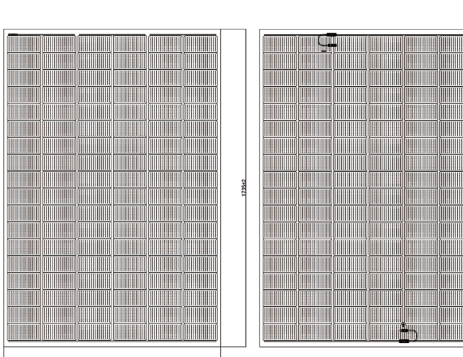


Electrical Characteristics

SPECIFICATION	Purple	Red	Blue	Dark Gray	Light Gray
Maximum Power (Pmax)	241	219	263	228	197
Open-circuit Voltage(Voc)	36.81	36.72	36.85	36.76	36.68
Short-circuit Voltage(Isc)	7.94	7.22	8.66	7.50	6.49
Maximum Power Voltage(Vmp)	32.25	32.17	32.28	32.21	32.14
Maximum power Current(Imp)	7.52	6.84	8.20	7.11	6.15
Module Efficiency(%)	11.74%	10.67%	12.81%	11.10%	9.60%

STC:Irradiance 1000W/m² , module temperature 25°C , AM=1.5

The Size of Module



Operating Condition

Maximum System Voltage	1500VDC
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Operating Temperature	-40°C to 85°C

Temperature Characteristics

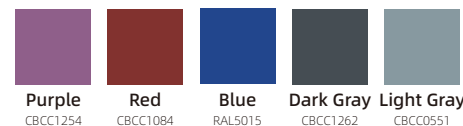
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Structural Material

Glass Material/Thickness	Tempered glass /5mm(Customizable)
Packaging Material	PVB
Junction Box Protection Level	IP68
Cable Length/Conductor Cross-sectional Area	(+)350mm;(-)250mm; Customizable/4mm ²
Connector Type/Protection Level	MC4 compatible/IP68
Packing Method	L-frame/Wooden Box(Customizable)
Dimensions	1735*1185*11mm
Cell Size	182*91mm
No. of Cell	6*18
Weight	28kg

More Colors(Customizable)

*More colors can be customized.



Key Features

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Suitable for more architectural styles

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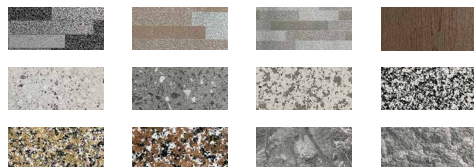


The Size of Module



More Colors(Customizable)

*More colors can be customized.



Key Features

Luxurious Appearance

Natural high-end architectural style

Class A Fire Protection

Comply with building standards

High Temperature Process

No fading, no discoloration

N-type TOPCon Cell

Higher power generation efficiency

Electrical Characteristics

SPECIFICATION	Black Jade	Star	Nebula	Auspicious Cloud	Jade Rock
Maximum Power (Pmax)	120	130	125	135	130
Open-circuit Voltage(Voc)	18.18	18.14	18.20	18.16	18.12
Short-circuit Voltage(Isc)	6.35	5.48	5.19	5.77	6.06
Maximum Power Voltage(Vmp)	16.70	16.66	16.72	16.68	16.65
Maximum power Current(Imp)	6.01	5.19	4.87	5.47	5.74
Module Efficiency(%)	9.69%	8.37%	7.93%	8.81%	9.25%

STC:Irradiance 1000W/m² , module temperature 25°C , AM=1.5

Operating Condition

Maximum System Voltage	1500VDC
Maximum Fuse Rating	30A
Operating Temperature	-40°C to 85°C

Temperature Characteristics

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No. of Cell	4*14
Weight	17.5kg

More Glass Thickness(Customizable)

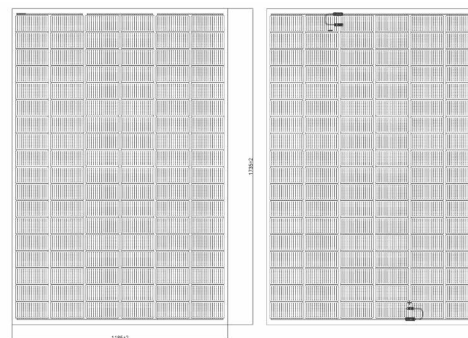
Glass thickness(mm):4/5/6/8/10

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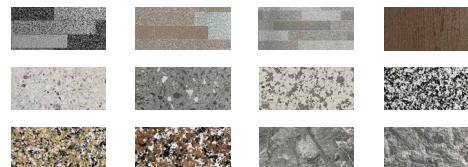


The Size of Module



More Colors(Customizable)

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Key Features

Brilliant Colors

Suitable for more architectural styles

Class A Fire Protection

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High Temperature Process

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Electrical Characteristics

SPECIFICATION	Purple	Red	Blue	Dark Gray	Light Gray
Maximum Power (Pmax)	193	167	158	176	184
Open-circuit Voltage(Voc)	35.05	34.98	35.09	35.01	34.94
Short-circuit Voltage(Isc)	6.35	5.48	5.19	5.77	6.06
Maximum Power Voltage(Vmp)	32.21	32.14	32.25	32.17	32.10
Maximum power Current(Imp)	6.01	5.19	4.92	5.47	5.74
Module Efficiency(%)	9.39%	8.11%	7.68%	8.54%	8.96%

STC:Irradiance 1000W/m² , module temperature 25°C , AM=1.5

Operating Condition

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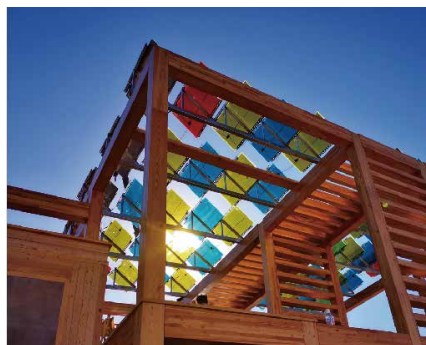
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No. of Cell	6*18
Weight	28kg

More Glass Thickness(Customizable)

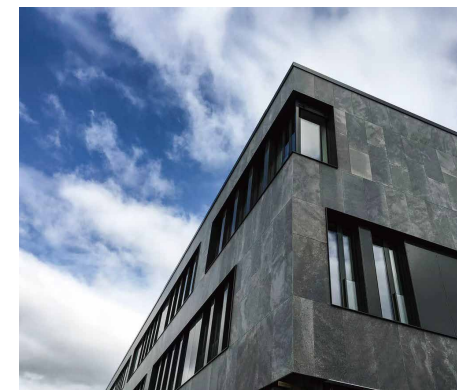
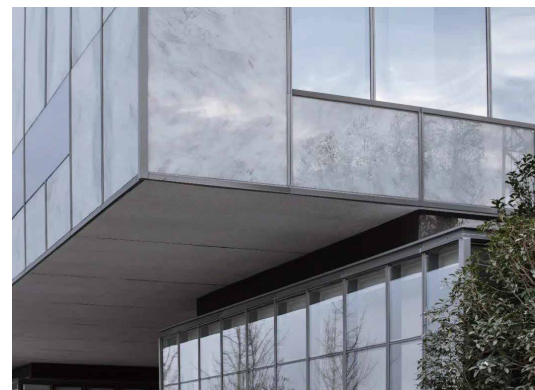
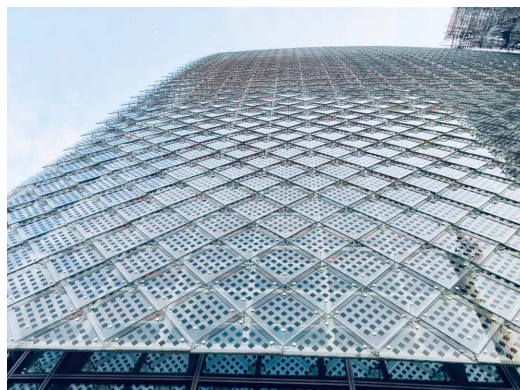
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BIPV Facade Application Cases



Rainbow Series



Starlight Series

Cloud Series