

# 600W-51V

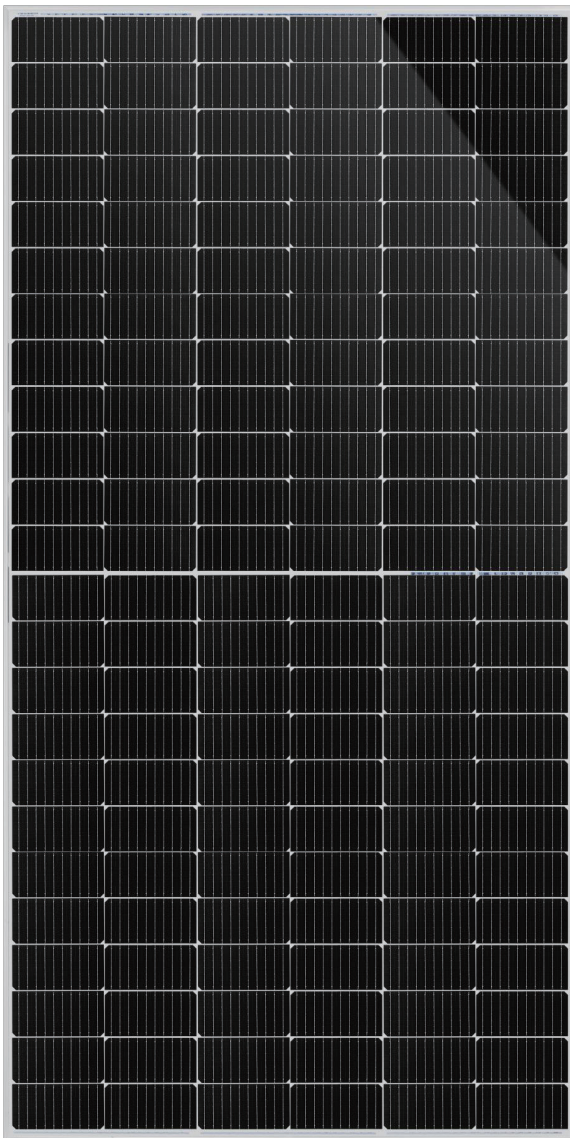
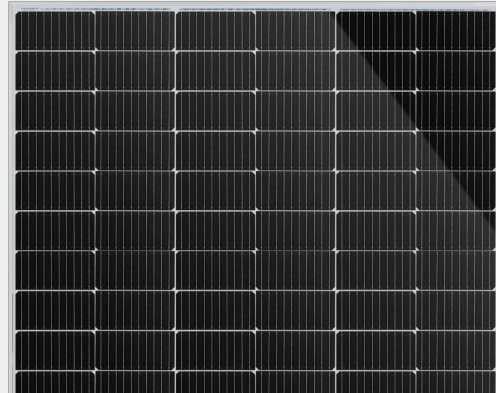
WHC-600M-144

MONO CRYSTALLINE SOLAR PANEL









0~+3% tolerance

ISO9001:2008, ISO14001:2004, OHSAS18001  
 Factory certificates  
 IEC61215, IEC61730 product certificates

## 182Cell-600W

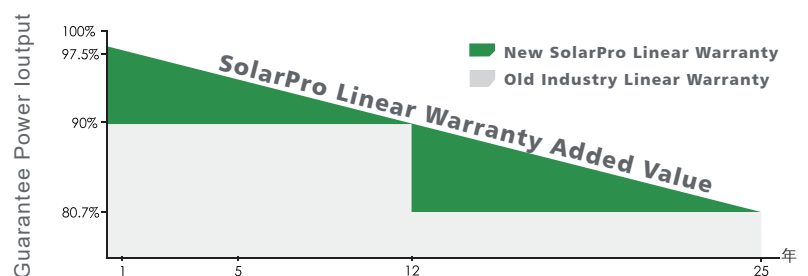


### Key Features

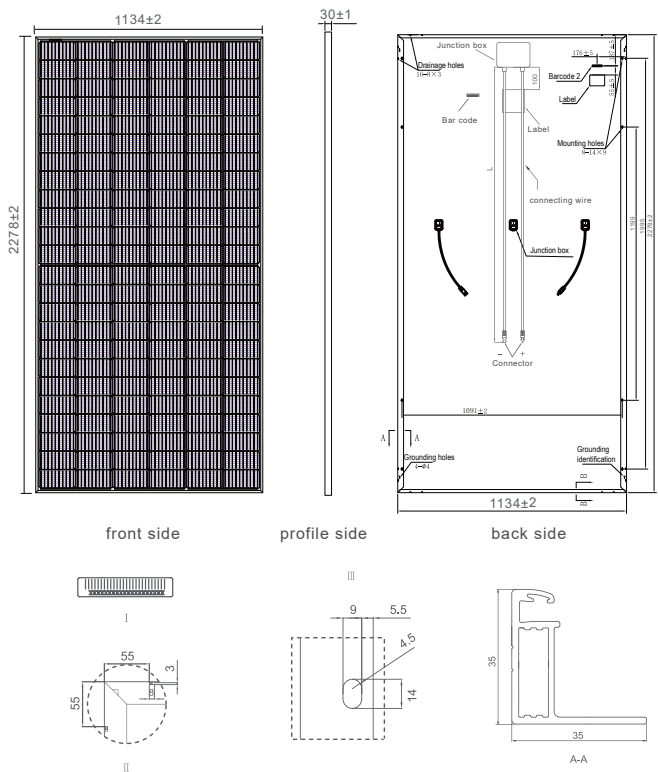
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**PERC 182 Cells**  
 Better capability of current collection, larger area of power generation, nice appearance, more suitable for installation on the roof.
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**1500V System Voltage**  
 1500V solar system voltage design, significantly lowers BOS cost Compared to 1500V systems.
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**11BB Solar Cell**  
 More uniform current collection capability, reduce the current Heat loss of the cell; nice appearance and more suitable for roof Installation.
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**High Power Output**  
 144 pieces solar chip output power up to 600Wp.
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**Anti-PID Guarantee**  
 Anti-PID cell and encapsulation technology Frameless module Requires no module grounding which may PID.
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**Low Light Performance**  
 By high efficiency glass with surface veneering technology to Achieve excellent performance in low light conditions.
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**Strengthened Load Ability**  
 5400 pa snow load, 2400 pa wind load.
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**Harsh Environment Adaptability**  
 TUV North German test passed high salt spray and high ammonia Gas corrosion test.

### Leading Linear Warranty

12 Years Material Craft Warranty/25 Years Life Time



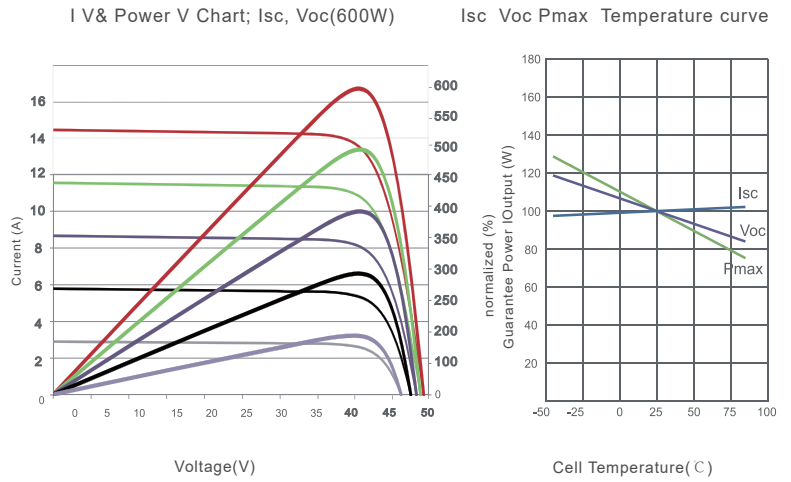
## Assembly drawing



## Packing standard

Flatbed transport truck loading capacity(size :13M long truck)  
 Tray size(mm) 36 pieces/tray 20 tray/car 720 pieces/car

## Chart



## Structural parameters

Cell size	Mono Crystalline Module 182x91mm
Solar Cell Number	144(6*12*2)
Panel size	2278*1134*30mm
Panel weight	33KG
Front cover glass	2.0mm,High light transmission, low iron, tempered glass
Frame	Anodized Aluminum Alloy
Junction box	Ip68
Cable	Φ=4mm <sup>2</sup> , L=300±5mm

## Electrical performance parameter

Panel module	WHC-600M-144
Max.Power volt(Pmax)	600Wp
Max. circuit volt(Vmp)	42.61V
Max. circuit current(Imp)	13.62A
Open circuit volt(voc)	51.47V
Open circuit current(Isc)	14.37A
Open circuit current(°C)	-40°C~+85°C
Max. System voltage	1500VDC(IEC)
Max. rated fuse current	25A
Output power tolerance	0~+6W
temperature index in Max.Power	-0.350%/°C
temperature index in Open circuit volt	-0.284%/°C
temperature index in Open circuit current	0.050%/°C
Nominal battery work temperature(Nect)	45±2°C

STC: Light intensity 1000W/m<sup>2</sup> Battery temperature:25°C atmosphere quality=15  
 NOCT: Light intensity 800W/m<sup>2</sup> Battery temperature:20°C atmosphere quality=15 wind velocity 1m/s

\*Power Tolerance +/-3%