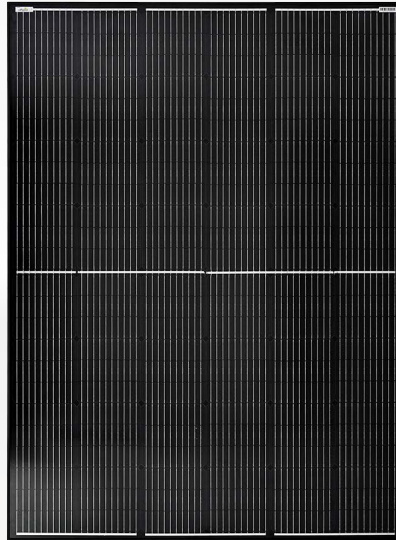
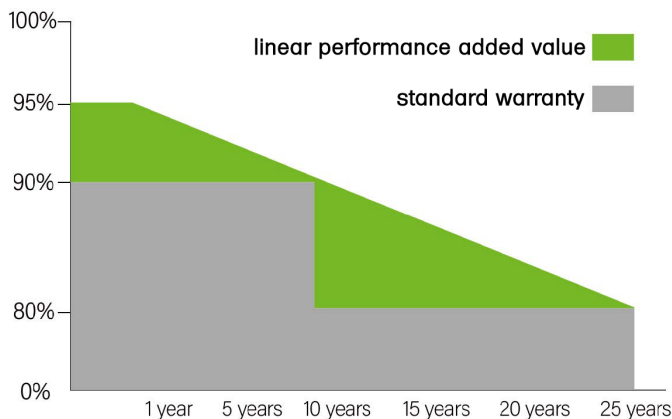


Offgridtec 360W solar panel Black Series



Product introduction

In our 360W module, the unique design of front and back contacting improves the mechanical resistance of the module while increasing the efficiency. Combined with the excellent anti-PID performance, the stability of the module's power generation for years is guaranteed, as well as the efficiency of the panel.



Features

Higher Energy Yield



- Outstanding performance at low irradiance
- Improved energy production through reduced cell series resistance

Increased System Reliability



- Enhanced system performance stability with PID resistant technology
- Enhanced system reliability in extreme temperature environment with special cell level heat release technology
- IEC 61215 / IEC 61730

Extra Value To Customers



- Stronger 35mm robust frame to hold 5400 Pa load (snow) and 2400 Pa (wind)
- Salt mist, ammonia and blowing sand resistance apply to seaside, farm and desert environment

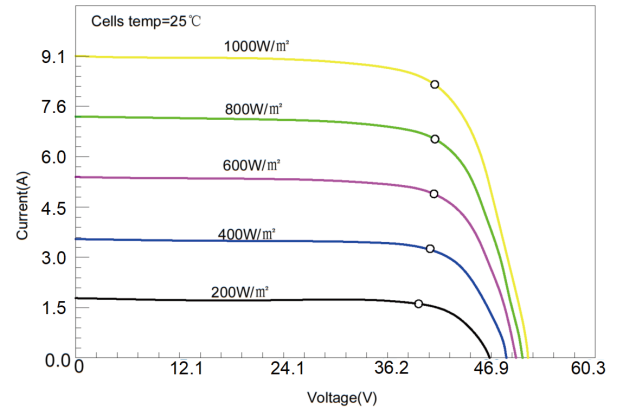
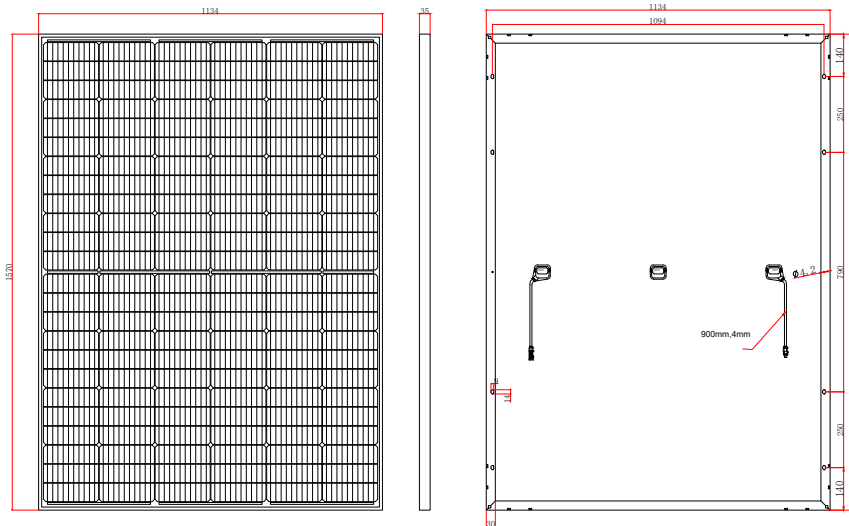
10
years

Guarantee on product material and workmanship

25
years

Linear power output warranty

Module Diagram



Product certification

CE RoHS



Mechanical Specifications

Solar Cells	Monocrystalline
Front Glass	3,2 mm thickness Tempered Glass
Frame	Anodized aluminium alloy
Waterproof junction box	IP65
connectors	MC4
Back sheet	PET

Electrical Characteristics

Model	360W
Maximum power(Pmax)	360W
Open-circuit voltage(Voc)	48.0V
Voltage at Pmax(Vmp)	41.0V
Short-circuit current(Isc)	9.22A
Current at Pmax(Imp)	8.79A
Module dimension	1570*1134*35mm
No. of cells and connections	144(6*24)
The maximum system voltage	1000V DC(IEC)
Cells efficiency(%)	22.70
Power temperature coefficient	-0.38%/ °C
Voltage temperature coefficient	-0.36%/ °C
Current temperature coefficient	+0.07%/ °C
Output power tolerance	±3%

*Measured under standard test conditions (1000 W/m², spectrum AM 1.5, cell temperature 25°C)

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