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RT6E170M

36 Cells 16BB

Mono-crystalline

170M

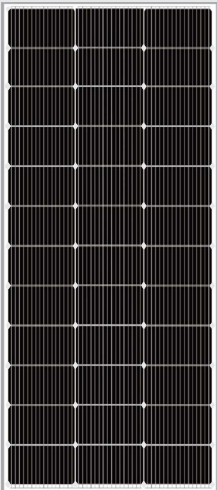
Power output

18.67%

The Highest Efficiency

0~+5W

Tolerance



High module conversion efficiency (up to 18.67%), through superior manufacturing technology



Guaranteed 0~+5W positive power output tolerance ensures high reliability



Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust

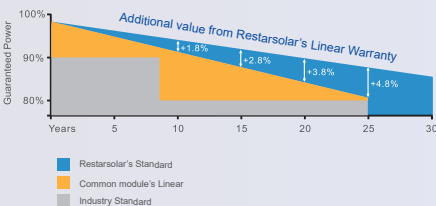


Excellent performance under low light environments (mornings, evenings and cloudy days)



Suitable for harsh environments, such as coasts, deserts and lakes. Withstand high level of wind loads (2400pa) and snow loads (5400pa)

0.5% Annual Degradation over 30 years



LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty

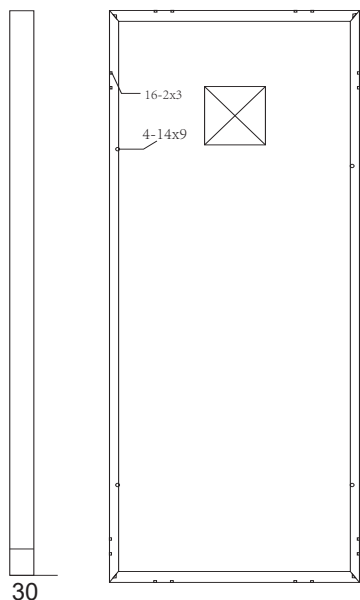
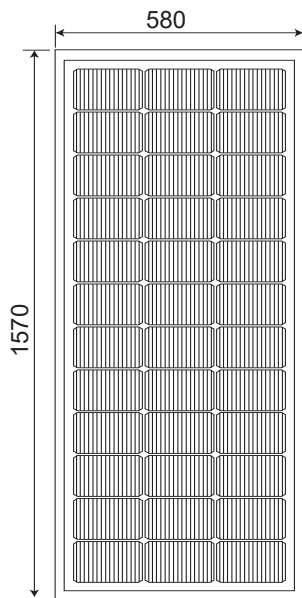
30 Year Linear Power Warranty

Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716



Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	170W
Open Circuit Voltage-Voc(V)	24.50
Short Circuit Current-Isc(A)	8.94
Maximum Power Voltage-Vmp(V)	20.44
Maximum Power Current-Imp(A)	8.32
Module Efficiency (%)	18.67%

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	126.87W
Open Circuit Voltage-Voc (V)	22.96
Short Circuit Current-Isc (A)	7.22
Maximum Power Voltage-Vmp(V)	19.04
Maximum Power Current-Imp(A)	6.66

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar cells	Mono-crystalline 182*125mm TOPCON cells, 16 Bus bars
Cell configuration	36 cells(3*12)
Module dimensions	1570*580*30mm
Weight	9.6kg
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67, 3 Diodes
Cable	4mm ² (IEC)/12AWG(UL), 900mm or customized length
Connectors	MC4 or MC4 Compatible

TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V(IEC)/600V(UL)
Max Series Fuse Rating	15A
Limiting Reverse Current	15A

PACKAGING CONFIGURATION

	40HQ
pcs/container	2100
pcs/carton	2pcs/carton
cartons/container	1050