

THORNOVA solar

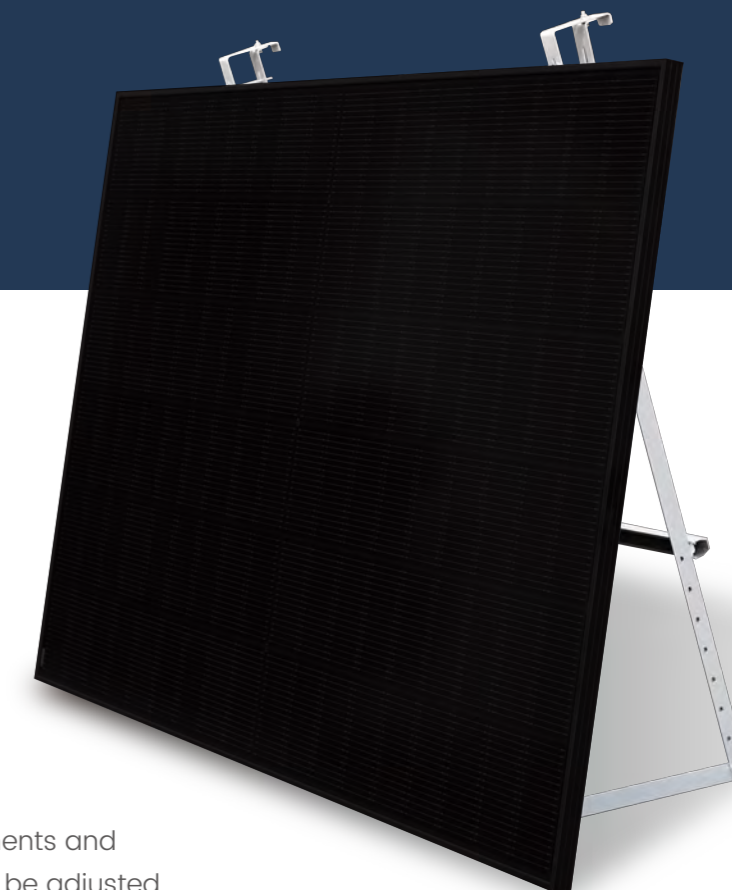


THORNOVA solar



Smart Balcony Solar Kit

THORNOVA-EZ1-430M
THORNOVA-EZ1-430



Suitable For



Balcony



Garden



Railing



Adjustable Angle

According to different installation environments and requirements, the angle of the bracket can be adjusted to obtain the maximum power generation.



All-in-one Design

The system integrates with solar panels, inverters and cables. Portable and foldable for various applications.



Portable

Compact and small sized be transported



Easy Installation

Plug & play connection, no requirement for professional installation, saving installation costs.



Guaranteed Quality

Under one system of THORNOVA SOLAR warranty
Micro inverter 12 years warranty;
Solar panels 15 years.



Scan the QR code to get more information

Web: www.thornovasolar.com

E-mail: info@thornovasolar.com

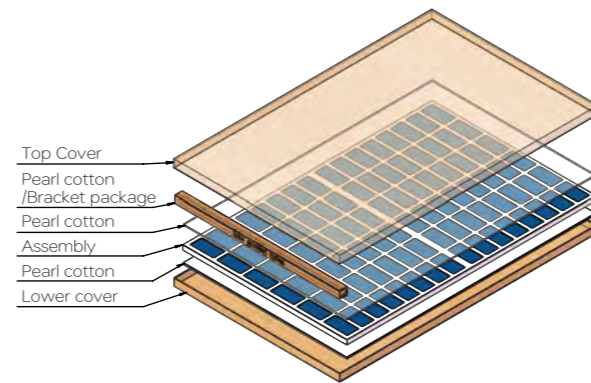
* The parameters delineated within this datasheet, both technical and monetary, may exhibit variations contingent upon the region. Thornova Solar provides no warranty as to their absolute accuracy. Owing to our unceasing commitment to innovation, research, development, and product enhancement, Thornova Solar retains the discretion to amend any information encapsulated in this datasheet without any preceding notification. Clients are urged to procure the most recent iteration of this datasheet and incorporate it as an intrinsic component of the legally binding agreement ratified by both parties. The English rendition of this datasheet serves purely as a point of reference. Should discrepancies arise between the English text and versions rendered in other languages, the stipulations of the English version shall take precedence.

Technical Data

Model	THORNOVA-EZ1-430M	THORNOVA-EZ1-430
Microinverter Parameter		
Microinverter Model	EZ1-M	
Recommended Input Power (STC)	300Wp-730Wp+	
MPPT Voltage Range (V)	28V-45V	
Max. DC Short Circuit Current (A)	25A x 2	
Max. Input Current (A)	20A x 2	
Rated Output Power (VA)	600VA/ 799VA	
Rated Output Current (A)	2.6A / 3.5A	
Nominal Voltage / Range (this may vary with grid standards)	230V/184-253V	
Nominal Frequency / Range	50Hz/47.5Hz-51.5Hz	
Enclosure Environmental Rating	IP67	
Safety, EMC & Grid Compliances	EN 62109-1/-2; EN 61000-1/-2/-3/-4; EN 50549-1; DIN V VDE V 0126-1-1; VFR; UTE C15-712-1; CEI 0-21; UNE 217002; NTS; RD647; VDE-AR-N 4105	
Warranty	12 Years	
PV Balcony Mount	with	without
Solar Panel		
Module	Tangra S Pro Black 430 (Optional)	
Maximum power – Pmp (W)	430	
Module dimensions (L*W*H)	1722 x 1134 x 30mm	
Weight	24.2 kg	
AC End Cable Parameter		
Length of Cable (m)	5	
Wire Gauge	3 * 1.5 mm ²	
Plug Type	Depending on specific country	
General Parameter		
Package Size per Solar Panel (W×H×D mm)	1787 x 1150 x 55	
Package Size per Accessories (W×H×D mm)	335 x 328 x 160	

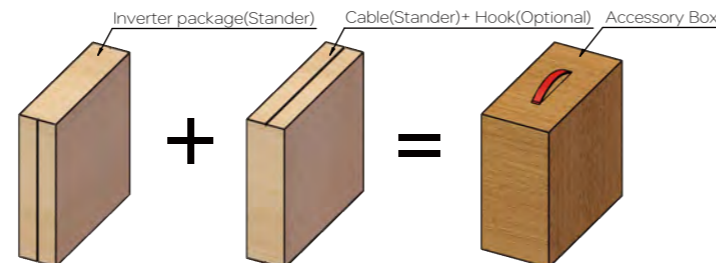
Ordering Information

Ordering NO.	Description
THORNOVA-EZ1-430M	600W Micro inverter (can be increased to 800w through the App), Tangra S Pro Black 430× 2, PV balcony mount×2, 5m AC cable x 1, 1m DC cable x 1 pair
THORNOVA-EZ1-430	600W micro inverter (can be increased to 800w through the App), Tangra S Pro Black 430× 2, 5m AC cable x 1, 1m DC cable x 1 pair

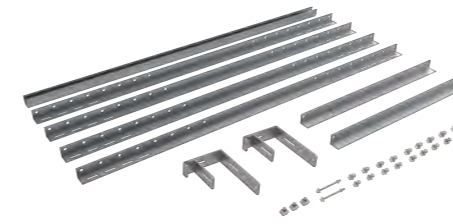


Packing Information

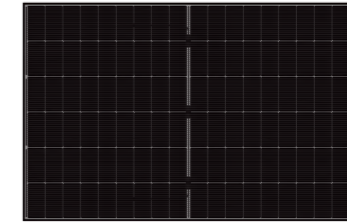
Container size	Packing quantity
40'HQ	Solar Panel 18 pcs/Pallet, 432 pcs Accessories 216 sets



Standard Configuration



PV Balcony Mount(Optional)



Tangra S Pro Black 430 (Optional)



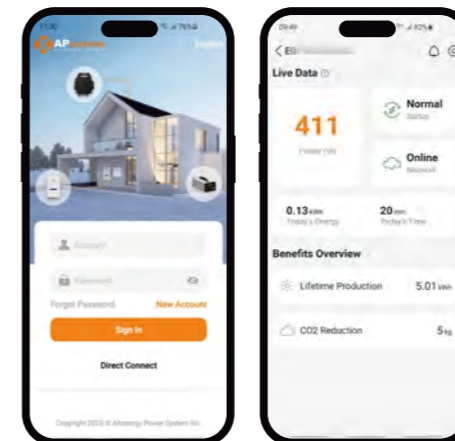
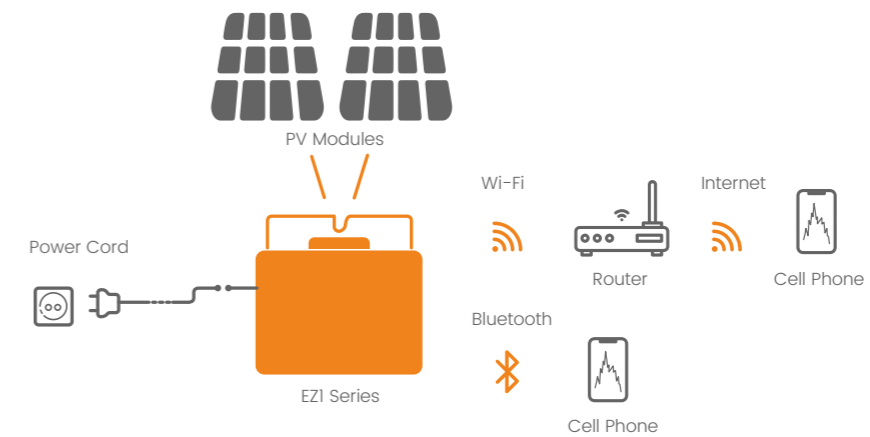
AC Cable
(5 meters)



EZ1-M



DC Cable
(1 meters)



Monitoring Platform

AP EasyPower is an energy monitoring mobile application software. Users can use AP EasyPower to monitor the real-time operation of the entire photovoltaic power generation system, historical power generation data and environmental protection benefits generated by the operation of the system.

AP EasyPower also realizes the monitoring of the running status of each component, and can issue early warning in advance.