

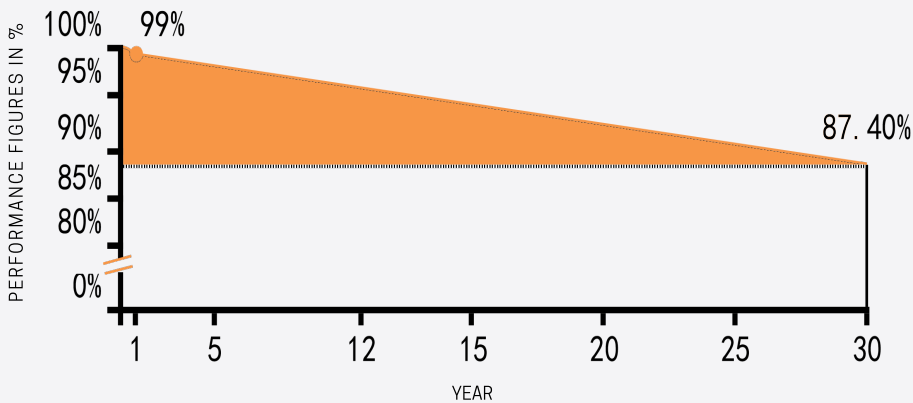
MONO HALF-CUT MODULES  
**TAURUS**  
545W/550W/555W/560W/565W/570W



Picture Only for Reference

-  High Module Conversion Efficiency
-  Easy Installation & Handling
-  Mechanical Load Capacity of up to 5400 Pa
-  Conforms with Latest IEC Standards
-  ISO 9001, ISO 45001, ISO 14001
-  Application Class A, Safety Class II  
Fire Rating C

**LINEAR PERFORMANCE WARRANTY**



**12 YEARS**

MATERIAL & WORKMANSHIP

**30 YEARS**

LINEAR POWER OUTPUT

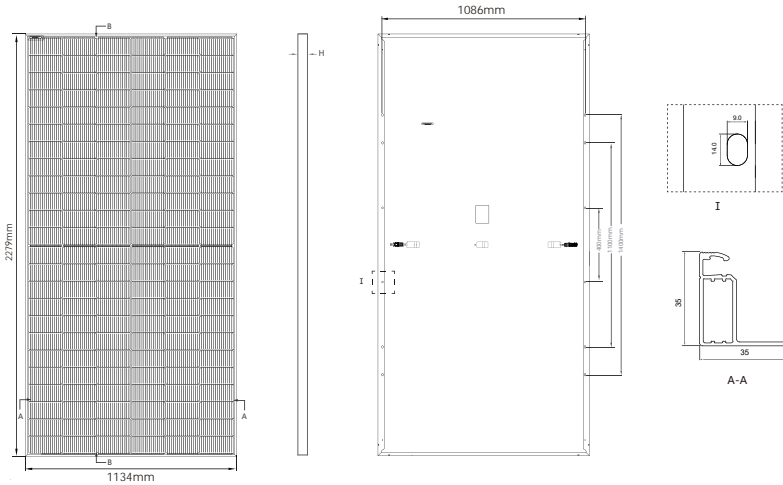


**EVERSOLA HOLDING CO LTD**

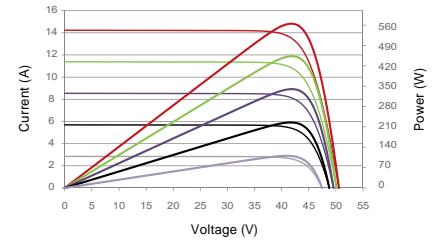
Manufacturer Address:  
No.11 Nanbu Road, Industrial Concentration Zone,  
Zhangzhu Town, Yixing City, Jiangsu Province, China.

# MONO HALF-CUT MODULES TAURUS

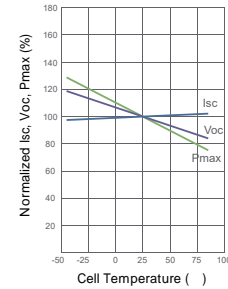
545W/550W/555W/560W/565W/570W



Dimensions



Temperature Dependence of Isc, Voc, Pmax



I-V Curves

Electrical Characteristics STC	ES545M-Abcp	ES550M-Abcp	ES555M-Abcp	ES560M-Abcp	ES565M-Abcp	ES570M-Abcp
Maximum Power (Pmax)	545W	550W	555W	560W	560W	570W
Power Tolerance	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Module Efficiency	21.1%	21.3%	21.5%	21.7%	21.9%	22.1%
Maximum Power Current (Imp)	13.17A	13.26A	13.33A	13.41A	13.48A	13.55A
Maximum Power Voltage (Vmp)	41.38V	41.51V	41.64V	41.77V	41.92V	42.01V
Short Circuit Current (Isc)	13.93A	13.99A	14.07A	14.15A	14.23A	14.31A
Short Circuit Voltage (Voc)	50.08V	50.21V	50.34V	50.47V	50.60V	50.74V

Values at Standard Test Conditions (STC) (AM1.5, Irradiance of 1000W/m<sup>2</sup>, Cell Temperature 25°C)

Electrical Characteristics NOCT	ES545M-Abcp	ES550M-Abcp	ES555M-Abcp	ES560M-Abcp	ES565M-Abcp	ES570M-Abcp
Maximum Power (Pmax)	409W	413W	417W	421W	425W	429W
Maximum Power Current (Imp)	10.53A	10.60A	10.67A	10.73A	10.79A	10.85A
Maximum Power Voltage (Vmp)	38.86V	38.99V	39.12V	39.25V	39.38V	39.51V
Short Circuit Current (Isc)	11.24A	11.30A	11.36A	11.42A	11.49A	11.55A
Short Circuit Voltage (Voc)	47.58V	47.70V	47.82V	47.94V	48.06V	48.20V

Values at Normal Operating Cell Temperature (NOCT) (irradiance of 800W/m<sup>2</sup>, Cell Temperature 20°C, Wind Speed 1m/s)

Mechanical Characteristics		Temperature Characteristics	
Cell Type	Mono N-Type, 182 x 182(±1)mm, 144(6x24) Half-Cut cells	Temperature Coefficient Voc	-0.25 %/°C
Glass	3.2 mm High Transmission, Low Iron, AR Coated Tempered Glass	Temperature Coefficient Isc	+0.046%/°C
Frame	Anodized Aluminum Alloy	Temperature Coefficient Pmax	-0.30 %/°C
Junction Box	IP68 Rated, With 3 Bypass Diodes	Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Dimensions	*2279x1134x32mm		
Output Cable	4mm <sup>2</sup> , 280mm(+)/280mm(-), length can be customized		
Weight	28.0 kg		
Mounting Hole Location	See Drawing Above		

Packing Information		Maximum Ratings	
Container	40' HQ	Operating Temperature	- 40°C ~ +85°C
Pallets Per Container	20	Maximum System Voltage	1500V DC
Pieces Per Container	620	Maximum Series Fuse Rating	25A

Rev No:ES/QN/TDS 2022.11

\* The specifications and key features contained in this datasheet may change without notice due to the continuous product enhancement. Eversola reserves the right to make necessary adjustment to the information described herein at any time without further notice.  
\* Contact Eversola for tolerance specification

