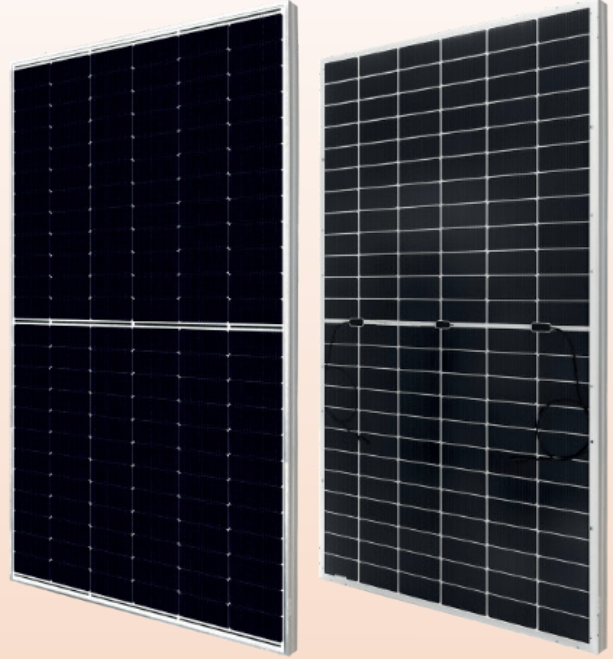


TOPCON SERIES

ELT72TC10
ELT72TC10 144-cell

570-575W
10BB Half-Cut N Type



Management System Certificates

ISO 9001:2015 Quality management system

ISO 14001:2015 Environmental management system

ISO 45001:2018 Occupational Health and Safety Management System

Product Certificates

IEC Certificates: IEC 61215:2018 / IEC 61730-1: 2018

IEC 61730-2 : 2018 / IEC 61701 / IEC 62716 / IEC 62804 PID



Performance Guarantees

15 Years
Product Warranty

30 Years
Performance Guarantee



Half cut cell technology can reduce internal power loss and improve component overall strength. Excellent heat dissipation prevents hot spot generation.



Certified to withstand extreme wind (**2400 Pa**) and snow loads (**5400 Pa**).

3EL

High performance transparent backsheet structure that is resistant to micro cracks increases reliability, triple hand test has been carried out for high quality control.



A high precision solar simulator was used.

TopCon

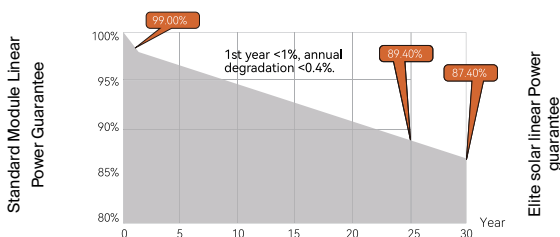
N-TopCon solar cells contain more electrons than regular silicon. TopCon is made of special type silicon wafer giving N type. While cells perform better at higher temperatures They show less deterioration over time.



It is designed for high voltage systems up to 1500 DVC. Increases the array length of solar energy systems and saves BOS costs

PID

PID Resistance



ELT72TC10

1000 - 1500V module

565W/570W/575W/580W/585W

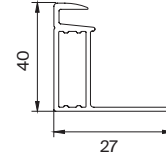
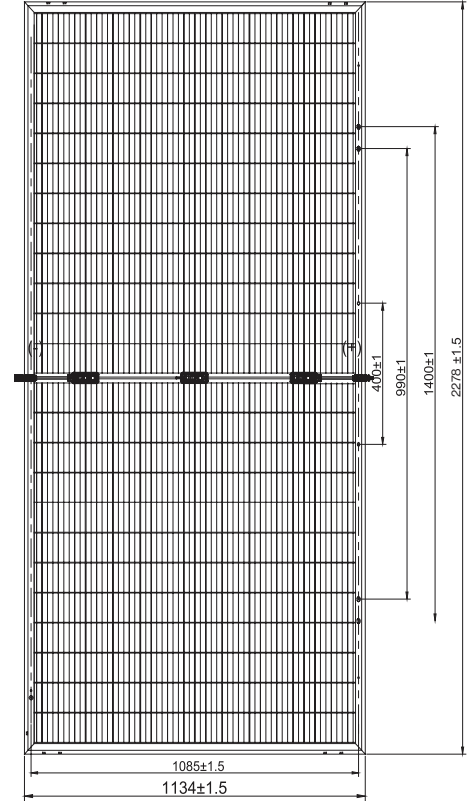
Mechanical Properties

Cell Size	Monocrystalline 182x91 mm
Number of Cells	144 (6x24)
Panel Size	2278mm x 1134mm x 40mm x 27mm
Weight	28 kg
Glass	Low Iron Tempered Glass
Frame	White Anodized Aluminum
Connecion Box	IP68
Cable	4MM ² (UL/IEC) uzunluk: (+) 1300mm (-) 1350mm & ± 400mm
Connector	MC4 EVO2
Packaging Information	27 Pieces/Pallet, 540 Pieces 40'HQ Container

*Cable Length could be resize according to request

Thermal Characteristics

Pmax Temperature Coefficient	Y (Pm)	-0.30%/°C
Voc Temperature Coefficient	β (Voc)	-0.25%/°C
Isc Temperature Coefficient	a (Isc)	+0.046%/°C



Electrical Properties

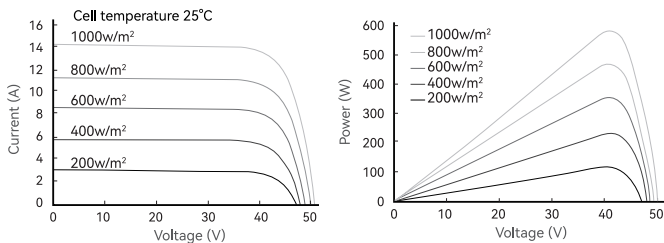
Module	ELT72-TC10	ELT72-TC10
Max Power (Pmax)	570W	575W
Open Circuit Voltage (Voc)	51.45V	51.56V
Short Circuit Current (Isc)	13.93A	14.02A
Maximum Power Point Voltage (VmP)	43.03V	43.14V
Maximum Power Point Current (ImP)	13.26A	13.34A
Module Efficiency	22.1%	22.3%
Power Tolerance		0~+5W
Maximum System Voltage		1500V DC(IEC)
Maximum Reverse Current		25A
Operating Range		-40°C t o + 85°C

*STC:1000W/M², 25°C, AM 1.5

In low irradiance conditions, the panel may differ from the stated efficiency values.

I-V Curve

Current - Voltage & Power - Voltage Curve



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in | elitsolarenerji

5.OSB 83501 Nolu Cadde No:43
Başpınar Şehitkamil / GAZİANTEP / TÜRKİYE

