

NEVADA SERIES

ELT72M10
ELT72M10(H) 144-cell

535 - 555W
10BB Half-cut Mono Perc



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.



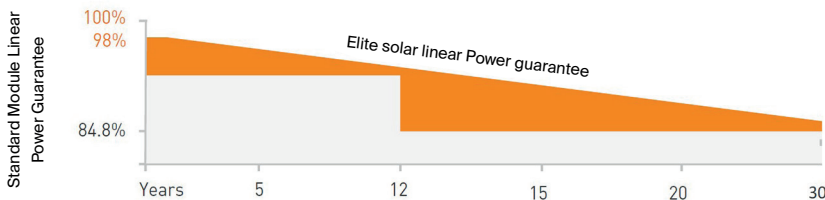
10BB technology can reduce internal power loss and improve component overall strength. Excellent heat dissipation prevents hot spot generation.



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



ELT72M10 MB

1000 - 1500V module

535W / 540W / 545W / 550W / 555W

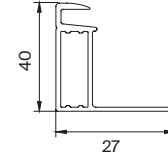
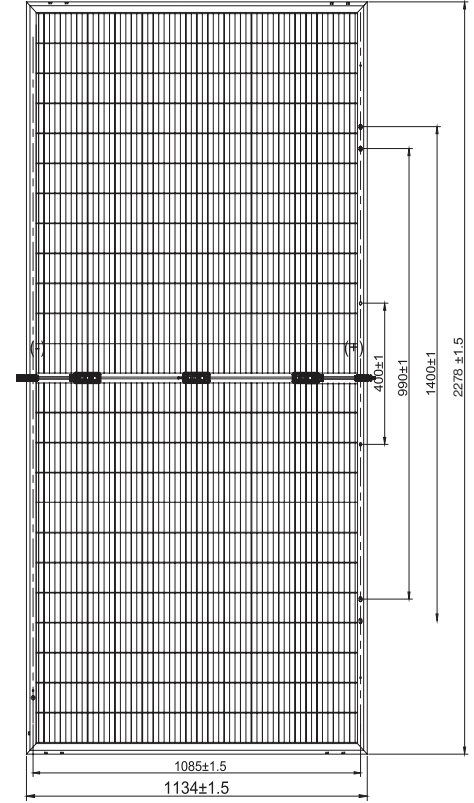
Mechanical Properties

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) length: (+) 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)	-0.33%/°C
Voc Temperature Coefficient	β (Voc)	-0.27%/°C
Isc Temperature Coefficient	a (Isc)	+0.05%/°C



Electrical Properties

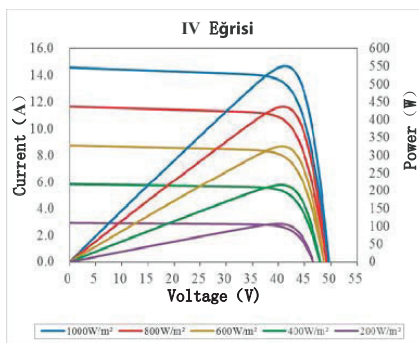
Module	ELT72-M10 MB	ELT72-M10 MB	ELT72-M10 MB	ELT72-M10 MB	ELT72-M10 MB
Max Power (Pmax)	535W	540W	545W	550W	555W
Open Circuit Voltage (Voc)	49.36V	49.52V	49.68V	49.84V	50.03V
Short Circuit Current (Isc)	13.77A	13.84A	13.91A	13.98A	14.04A
Maximum Power Point Voltage (VmP)	41.51V	41.67V	41.83V	41.99V	42.18V
Maximum Power Point Current (ImP)	12.89A	12.96A	13.03A	13.10A	13.16A
Module Efficiency	20.7%	20.9%	21.1%	21.3%	21.5%
Power Tolerance	0~+5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Reverse Current	25A				
Operating Range	-40°C to + 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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