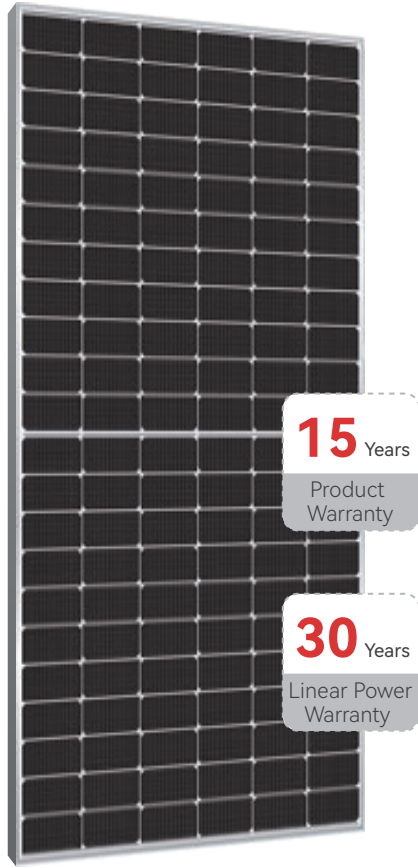




15 Years

Product
Warranty

30 Years

Linear Power
Warranty

High Efficiency **HJT** Module

AS615-635M10-132 Bifacial

615W | 620W | 625W | 630W | 635W

635W

Maximum
Power Output

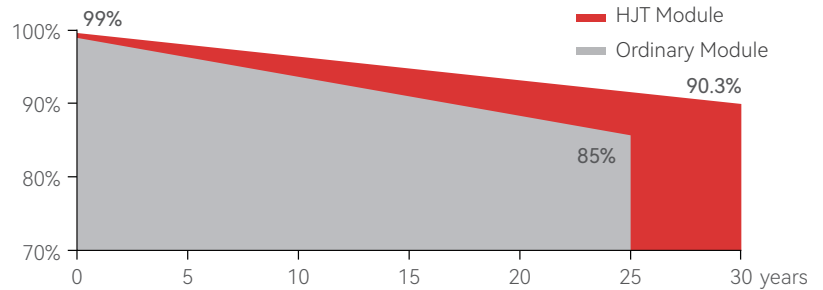
23.51%

Maximum
Efficiency

90%+

Bifaciality

Quality Assurance



Product Features



Industry-Leading Process Technology

Advanced HJT cell/module design, higher reliability and outstanding performance



Rectangular HJT Cells

Innovative rectangular silicon wafer, Lowering integrated costs while enhancing yields



Versatile Adaptability

Adaptable to various scenarios, expanding application possibilities and enriching product offerings



High Energy Yield

Maximum Module Efficiency up to 23.51% achieved by mature mass production HJT cell technology



Better Warranty

Extremely low LID/PID in longer service life, with 9.7% power degradation over 30 years



Maximized Space Utilization

Optimized dimensions maximize container space utilization, achieving up to 98.5% utilization rate

Certificates



Electrical Data(STC)

Model	AS615M10-132	AS620M10-132	AS625M10-132	AS630M10-132	AS635M10-132
Pmax(Wp)	615	620	625	630	635
Voc(V)	49.19	49.31	49.43	49.56	49.68
Isc(A)	15.79	15.90	16.01	16.12	16.23
Vmpp(V)	41.16	41.31	41.47	41.63	41.78
Imp(A)	14.95	15.02	15.08	15.14	15.20
Efficiency	22.77%	22.95%	23.14%	23.32%	23.51%

STC: AM1.5 Irradiance: 1000W/m², Temperature=25°C

Electrical Characteristics(BSTC)

Model	AS615M10-132	AS620M10-132	AS625M10-132	AS630M10-132	AS635M10-132
Pmax(Wp)	689	694	700	705	710
Voc(V)	49.39	49.51	49.63	49.76	49.88
Isc(A)	17.69	17.80	17.91	18.02	18.13
Vmpp(V)	41.31	41.46	41.62	41.78	41.93
Imp(A)	16.69	16.76	16.82	16.88	16.94

αIsc (%/K): 0.04; βVoc (%/K): -0.24; γPmp (%/K): -0.24

AM1.5, Front irradiance: 1000W/m², Back Irradiance 135W/m², Temperature=25°C

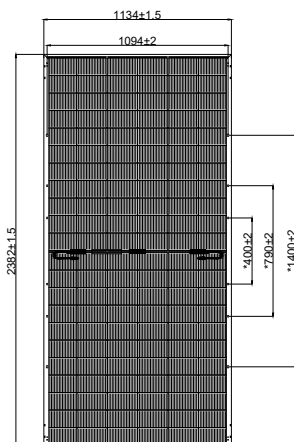
Mechanical Data

Cell(mm)	182×105 All Dimensions
Weight(kg)	33.6±0.5kg
Dimension(L×W×H)(mm)	2382×1134×30mm
Cable(mm)	4mm ² , 300mm (customized length based on needs)
Frame	Anodized aluminum
Junction Box	IP68, 1500VDC, 3Diodes
Packaging configuration (40' Container; 17.5'Trailer)	36pcs/pallet; 20pallet/container; 720pcs/container 36pcs/pallet; 24pallet/Trailer; 864pcs/Trailer

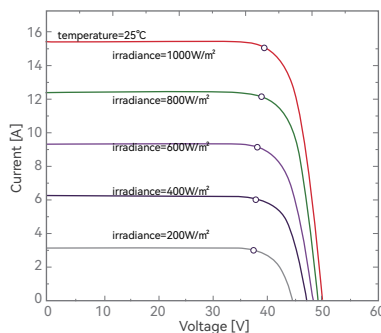
Working Condition

Maximum System Voltage	1500VDC
Operating Temperature	-40°C ~ +85°C
Maximum Fuse Rating	30A
Rear Side Mechanical Load	2400Pa
Front Side Mechanical Load	5400Pa
NOCT	44±2°C
Safety Rating	Class II
Grounding Electric Conductivity	< 0.1Ω

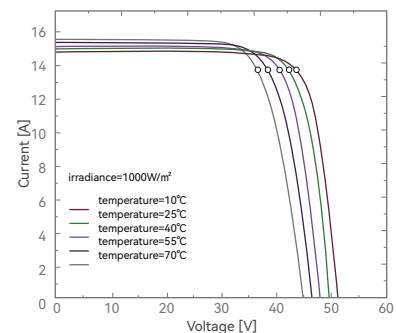
Dimensions (mm)



I-V Diagram



Different Irradiance



Different Temperature

