



Ultra efficient

HJT batteries yield a double-sided power generation rate of up to 90%.



Low Temperature Coefficient

A Pmax temperature coefficient of -0.25%/C ensures outstanding power generation at high temperatures.



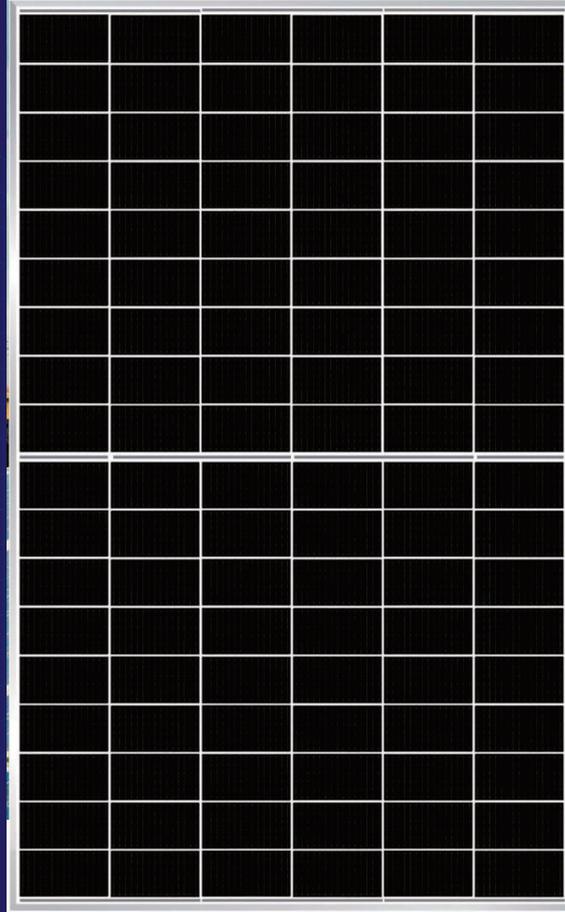
Lower water permeability

Low permeability packaging materials improve reliability.



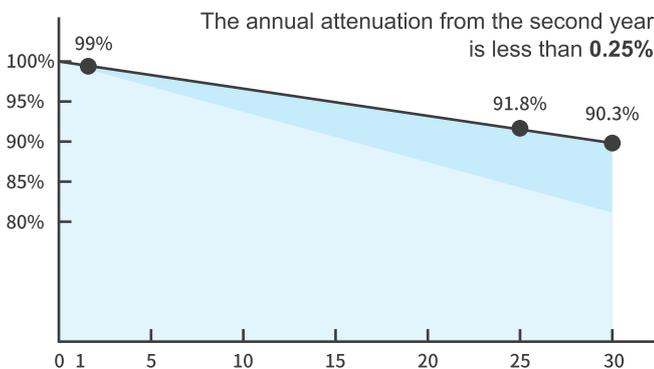
Lower LCOE

Ultra high component power and conversion efficiency cut BOS related costs.



First-class Warranty

15 years Product Warranty **30** years Linear Power Warranty



Comprehensive Product and System Certification

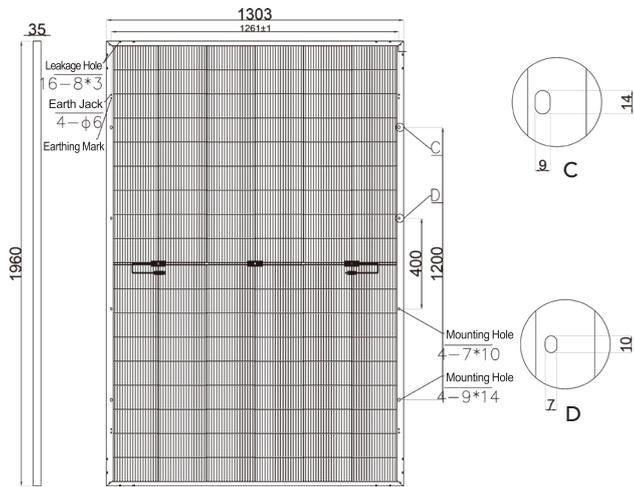
ISO9001 Quality Management System

ISO14001 Environmental Management System

ISO45001 Occupational Health and Safety Management System



Engineering Drawings (Unit: mm)



Structural Parameters

Cell Mode	HJT (210*105mm)
Cell Connection	108pcs (6x18)
Glass	(F)coated semi-tempered glass/ (B)semi-tempered glass
Frame	Anodized aluminum alloy
Junction box	IP68
Output Cable	4mm ² , 300mm in length(length can be customized)/UV resistant
Connectors Type	MC4 compatible
Module dimension	1960x 1303 x 35mm
Module weight	31.9kg
Maximum static mechanical load	5400Pa (Snow load) 2400Pa (Wind Load)

Electrical Parameters

Module Type	GDT108A-545	GDT108A-550	GDT108A-555	GDT108A-560	GDT108A-565	GDT108A-570	GDT108A-575
Maximum Power:Pmax(W)	545	550	555	560	565	570	575
Voltage at Maximum Power:Vmp(v)	33.49	33.58	33.64	33.73	33.82	33.92	33.99
Current at Maximum Power:Imp(A)	16.28	16.38	16.50	16.61	16.71	16.81	16.92
Open Circuit Voltage:Voc(V)	40.03	40.09	40.14	40.20	40.25	40.30	40.35
Short Circuit Current:Isc(A)	16.76	16.81	16.96	17.11	17.21	17.36	17.41
Module Efficiency(%)	21.34	21.54	21.73	21.95	22.12	22.32	22.51
Power Output Tolerance(w)	0~+ 5						
Maximum System Voltage(v)	1500						
Bifaciality	85%±5%						

STC (Standard Test Condition) : irradiance 1000w/m² , cell temperature 25°C , AM 1.5 , tolerance of Pmax is within ±3%.

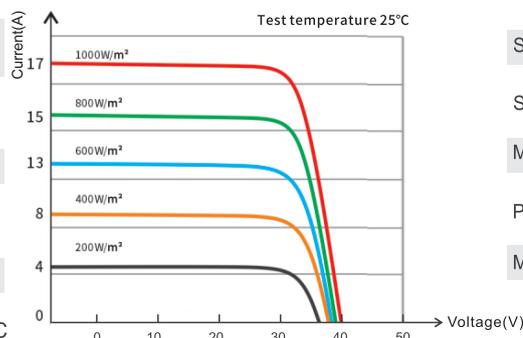
Bifacial Electrical Parameters

Maximum Power : Pmax (W)	615	620	625	630	635	640	645
Voltage at Maximum Power : Vmp (v)	33.49	33.58	33.64	33.73	33.82	33.92	33.99
Current at Maximum Power : Imp (A)	18.37	18.47	18.58	18.69	18.78	18.87	18.98
Open Circuit Voltage : Voc (V)	40.03	40.09	40.14	40.20	40.25	40.30	40.35
Short Circuit Current : Isc (A)	18.91	18.96	19.10	19.25	19.35	19.49	19.53

BSTC (Bifacial Standard Test Condition) : front side irradiance 1000w/m² , back side irradiance 135w/m² , AM 1.5 , ambient temperature 25°C

Temperature Parameters

Nominal Operating Cell Temperature(NMOT)	43±2°C
Temperature Coefficient of Pmax	-0.25%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.04%/°C
Maximum series fuse	30A
Operating Temperature	-40 ~ + 85°C



Packaging Information

Shipping Method	Flat-bed trailer	Flat-bed trailer	Container
Size	13m	17.5m	40'
Modules per Pallet	31pcs	31pcs	31pcs
Pallets	18Pallets	30Pallets	18Pallets
Modules	558pcs	930pcs	558pcs