

HJT

750-770w Deliverable Power

24.8% Max. Deliverable Efficiency

Bifacial Dual-glass HJT Module (G12 PLUS-198)



1/3-cut HJT cell architecture

1/3-cut cells with OBB technology, lower current design reduces resistive losses.



High reliability

Flexible interconnection with optimized hot-spot control improves mechanical reliability and enhances safety.

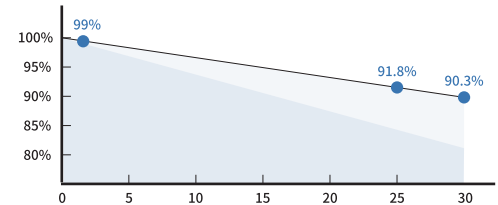


Multi-scenario adaptability

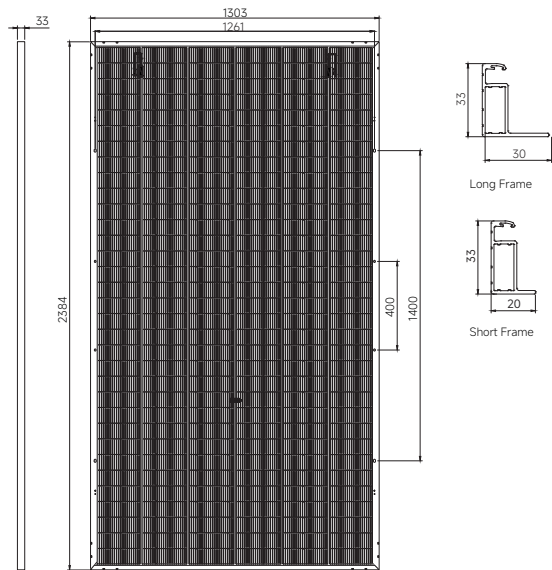
Top choice for Utility-Scale PV projects. Lower LCOE, higher return.



1st year $\leq 1\%$
Annual degradation $\leq 0.3\%$



Engineering Drawings



Mechanical Characteristics

Cell Type	HJT (210.6*71.7mm)
No. of Cells	198 pcs (6x33)
Superstrate	(F)2.0mm coated semi-tempered glass
Substrate	(B)2.0mm semi-tempered glass
Frame	Anodized aluminum alloy/(or steel frame)
Junction Box	IP68
Cable	4mm ² , 300mm(or customized); UV resistant
Connector	MC4 compatible
Dimensions	2384x1303x33mm
Weight	37.5kg
Max. Static Load	5400Pa (Snow load) / 2400Pa (Wind load)

STC

DT198G	750-FZ	755-FZ	760-FZ	765-FZ	770-FZ
Maximum Power Pmax(W)	750	755	760	765	770
Voltage at Pmax Vmp(V)	43.97	44.11	44.24	44.38	44.52
Current at Pmax Imp(A)	17.06	17.12	17.18	17.24	17.30
Open Circuit Voltage Voc(V)	52.48	52.64	52.8	52.96	53.12
Short Circuit Current Isc(A)	17.96	18.01	18.06	18.11	18.16
Module Efficiency (%)	24.1	24.3	24.5	24.6	24.8
Power Output Tolerance(W)	0~+5W				
Maximum System Voltage(V)	1500V DC				
Bifaciality	90%±5%				

STC: AM1.5, 1000W/m², 25°C.

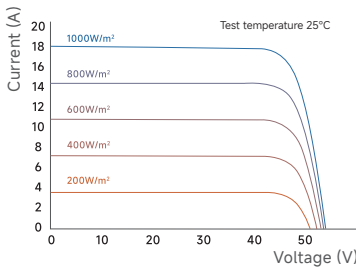
BNPI

	841	847	852	858	864
Maximum Power Pmax(W)	841	847	852	858	864
Voltage at Pmax Vmp(V)	44.06	44.20	44.33	44.47	44.61
Current at Pmax Imp(A)	19.09	19.16	19.23	19.29	19.36
Open Circuit Voltage Voc(V)	52.58	52.75	52.91	53.07	53.23
Short Circuit Current Isc(A)	20.14	20.20	20.25	20.31	20.37

BNPI: AM1.5, 1000W/m², 135W/m², 25°C.

Temperature Characteristics

Nominal Operating Cell Temperature	43±2°C
Temperature Coefficient of Pmax	-0.22%/°C
Temperature Coefficient of Voc	-0.21%/°C
Temperature Coefficient of Isc	+0.046%/°C
Maximu Series Fuse Rating	35A
Operating Temperature	-40~+85°C



Packaging

Method	Container
Size	40'
Modules Per Pallet	33
Pallets	18
Modules	594

*Vehicle loading quantity subject to the condition of transportation.

