Product advantage

High Efficiency
The max power output of 144 cell can be up to 550wp.

Load Performance
Integral component by the approval of 2400pa wind load and 5400pa snow load.

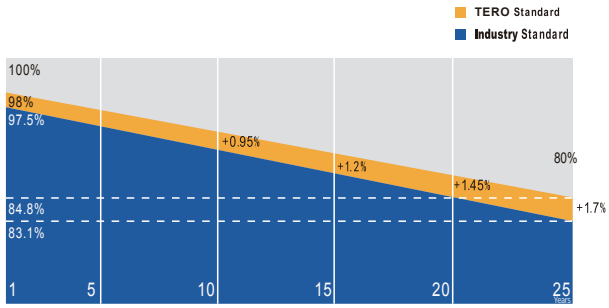
Temperature Coefficient
Better the temperature coefficient of components under high temperature power attenuation less.

High Environmental Adaptability
The unique circuit design reduces the hot spot temperature and reduces the power loss, and improves the power generation of the module.

Low Light Performance
By using excellent glass and battery surface texturing technology,in order to achieve excellent environment under the low light environment.

Anti-PID
Guaranteeing the Eagie components of large-scale production under the condition of 60 ℃ / 85%, PID (potential) induced attenuation phenomenon caused by the attenuation rate fell to a minimum.

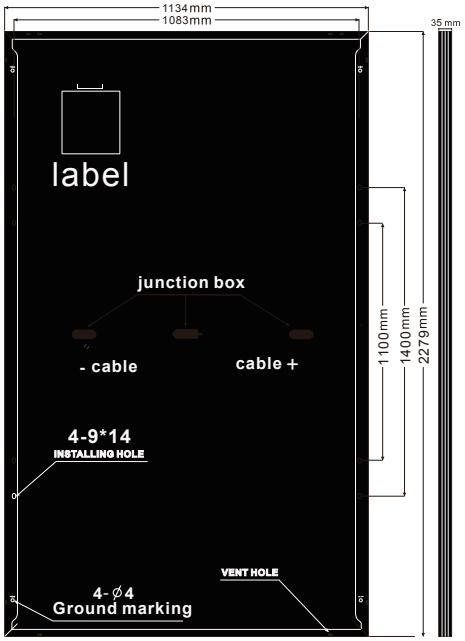
Linear performance Warranty



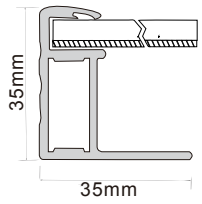
Comprehensive Cerfificates

- ISO9001:2015 QMS
- ISO14001:2015 EMS
- ISO45001:2018 OHSMS
- IEC61215/IEC61730 Standard qualit

Product assembly drawing

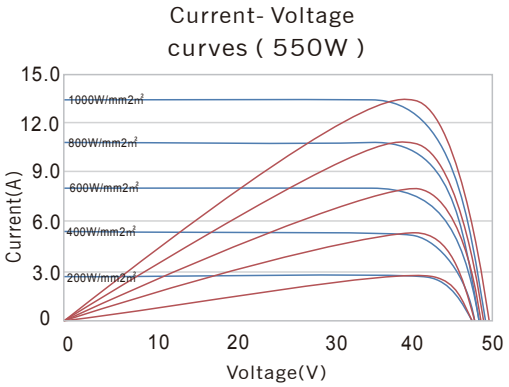


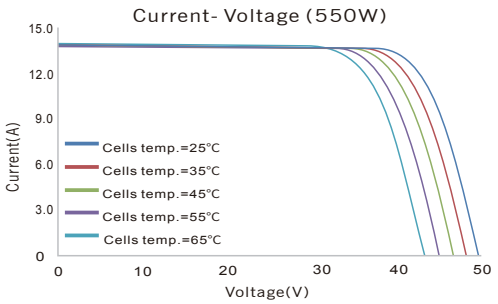
back view

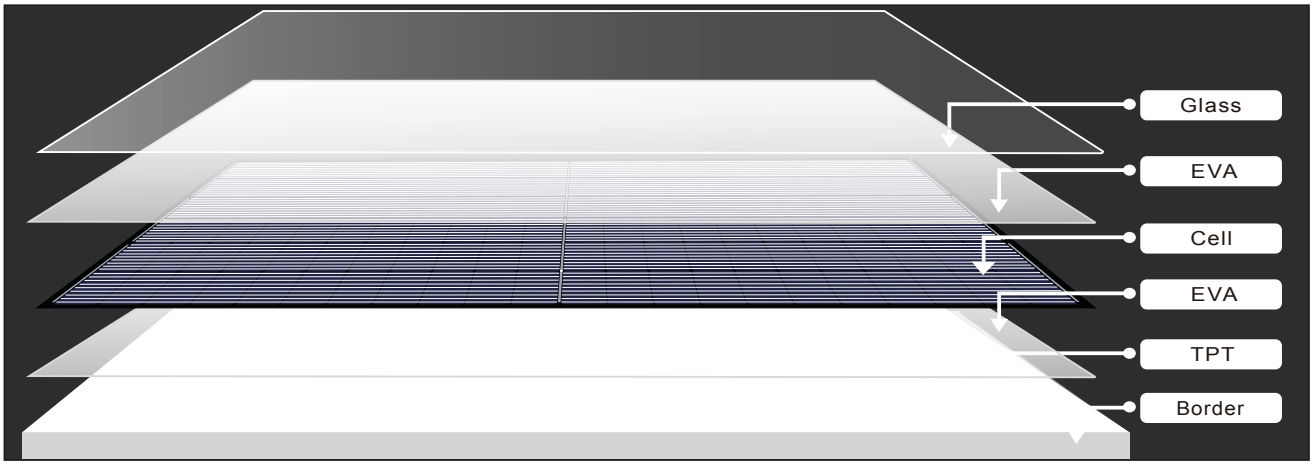


cross-section view

Diagram







Electrical performance parameters

Model	TE-BI550			
Pmp [W] Tolerance of rating [%]: ±3	Voc [V]	Isc [A]	Vmp [V]	Imp [A]
TE-BI550	49.90	14.00	41.96	13.11

Main technical parameters

Temperature Coefficient ofVoc	-0.25%/℃	Standard Test Conditions	1000W/㎡;25℃;AM1.5
Temperature Coefficient of Isc	+0.04%/℃	Maximum Series Fuse Rating (A)	25
Temperature Coefficient of Power	-0.34%/℃	Weight(kg)	29
NOCT	43±2℃	Dimensions(LxWxH)(mm)	2279x1134x35
Working Temperature Range	-40℃~ + 85℃	The packing way	32pcs/box
Maximum System Voltage(V)	1000	40HQ Container Loading Capacity	640pcs