Bifacial G12 18BB HJT Solar cell Leascend PV

How much power does a HJT solar cell use?

Power of Half Piece: 5.61W
Max. Efficiency: 25.50% HJT solar cell uses amorphous silicon thin films as passivation materials to reduce the loss of minority carriers lifetime in contact area,which could increase the open circuit voltage of HJT cells to 750mV and guarantee the power conversion efficiency up to 25% at the beginning.

What is the manufacturing process of HJT solar cell?

The manufacturing process of HJT solar cell is simplifiedcomparing with conventional solar cells,with low temperature process,its natural bifacial symmetrical structure have reduced the mechanical stress in cell production,which enable to realize a thinner wafer (<=120um).

What are the advantages of HJT solar cells?

Combining with SMBB technology and 0 Busbar technology,the conversion efficiency can be further improved and costs reduced. HJT solar cells is made of N type silicon wafer,which does not have B-O bound,resulting in no LID effect,guarantee long term durability.

What are HJT solar cells made of?

HJT solar cells is made of N type silicon wafer,which does not have B-O bound,resulting in no LID effect,guarantee long term durability. As anti-reflection and protective layers,TCO film is conductive,so the charge won't polarize on the surface,avoiding PID from the structure.

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