



# TOPCon 144 Solar Module

## PCE-640/144

**N-TopCon Technology**  
Dual Glass Bifacial PV Module

640W / 144 Cells - N-Type



### FEATURES



**25-year Warranty for Materials & Processing**



**30-year Warranty for Extra Linear Power Output**



#### HIGH VALUE

Low LCOE, reduced BOS cost, quick payback.  
More harvest with N-type TOPCon.  
Compatible, efficient container use cuts freight.



#### RELIABLE

Fewer micro-cracks, PID resistant, endure harsh conditions.  
Mechanical performance up to 5400 Pa positive, 2400 Pa negative.



#### HIGH POWER UP TO 650W

24.0% module efficiency, dense interconnect.  
SMBB for trapping, lower resistance, better collection.



#### HIGH ENERGY YIELD

Excellent IAM, low irradiation validated by 3rd party certs.  
Lower degradation: 1% first year, 0.4% annually.  
Lower temperature coefficient (-0.30%).

ISO 9001: 2015: ISO Quality Management Systems

ISO 14001: 2015: ISO Environment Management Systems

ISO 45001: 2018: ISO Occupational Health and Safety Management Systems

GB/T 29490-2013

