

Manufacturer

REC
Trina

Module Class

Module Type	REC250PE	Honey TSM-250PA05A
Solar Cell	Poly	Poly
Wafer Supplier	REC	Internal

Electrical Characteristics

Power Range (W)	250	250
Module Efficiency	15.1%	15.3%
Power Tolerance (+/-W)	-0/+5W	-0/+3 %
Temp Coefficient of P _{MPP} (%/°C)	-0.40%	-0.41%
NOCT (°C)	45.7	46.0
Max System Voltage (V)	1000	1000
Reverse Current Rating (A)	25	15

Mechanical Ratings

Dimensions	1665 x 991 x 38mm	1650 x 992 x 40 (mm)
Junction Box	IP67	IP65
Weight (kg)	18	19.5
Max Wind Pressure (Pa)	2400	2400
Max Snow Load (Pa)	5400	5400

Warranty

Product Warranty (Years)	10	10
Performance Warranty (Years)	25	25
Performance Guarantee	Linear	Linear: 0.68% degradation per year
Warranted Power End of Year 1	97%	97.5%

Performance

Reduction of Efficiency At 200W/m ²	1.2%	3.7%
Antireflection Coating	Yes	No
Salt Spray Certification (Level 1-6)	6	Yes (severity unknown)
Ammonia Certification	Yes	Yes
Estimated Yield Advantage	reference as REC	-3.4%

 REC Advantages

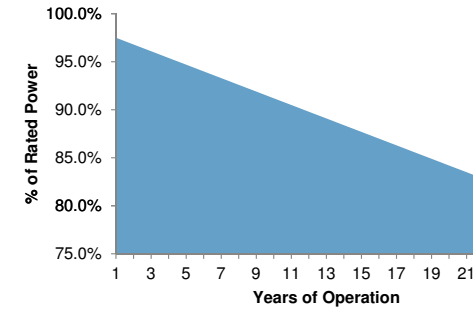
* PTC was developed in California to better reflect module performance at higher temperatures. The PTC is calculated at expected operating temperature at 1000W/m², AM1.5. This index is influenced by NOCT & temperature co-efficient

The specification data used in this comparison has been sourced from the manufacturer and was current at the date of the revision. Efficiency curves under different irradiance levels have been imported from PVsyst v5.55.

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Warranted Power Conditions



Efficiency Under Different Irradiances

