

**Manufacturer****REC****SolarWorld****Module Class**

Module Type	REC250PE	SW 250	
Solar Cell	Poly	Poly	#N/A
Wafer Supplier	REC	SolarWorld	#N/A

**Electrical Characteristics**

Power Range (W)	250	250	#N/A
Module Efficiency	15.1%	14.9%	#N/A
Power Tolerance (+/-W)	-0/+5W	-0/+5W	#N/A
Temp Coefficient of $P_{MPP}$ (%/°C)	-0.4	-0.45	#N/A
NOCT (°C)	45.7	46	#N/A
Max System Voltage (V)	1000	1000	#N/A
Reverse Current Rating (A)	25	16	#N/A

**Mechanical Ratings**

Dimensions	W (mm)	991	1001	#N/A
	H (mm)	1665	1675	#N/A
	D (mm)	38	31	#N/A
Junction Box		IP67	IP65	#N/A
Weight (kg)		18	21.2	#N/A
Max Wind Pressure (Pa)		2400	2400	#N/A
Max Snow Load (Pa)		5400	5400	#N/A

**Warranty**

Product Warranty (Years)	10	10	#N/A
Performance Warranty (Years)	25	25	#N/A
Performance Guarantee	Linear	Linear	#N/A
Warranted Power End of Year 1	97%	97%	#N/A

**Performance**

PTC:STC Ratio*	91.0%	91.0%	91.0%
Antireflection Coating	Yes	Yes	#N/A
Salt Spray Certification (Level 1-6)	6	6	#N/A
Ammonia Certification	Yes	Yes	#N/A
Yield Advantage Compared To REC	-	-2.30%	#N/A

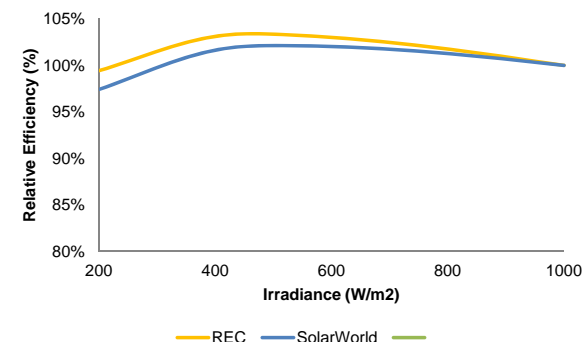
 REC Advantages

\* PTC was developed in California to better reflect module performance at higher temperatures. The PTC is calculated at expected operating temperature at 1000W/m<sup>2</sup>, 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 generated using the one-diode model and Endecas sunflasher equations to generate module resistance values.

Although REC ASA believes that the comparison is based upon reasonable assumptions, it can give no assurance that the actual results will be as set out in this comparison. REC ASA is making no representation or warranty, expressed or implied, as to the accuracy, reliability or completeness of this comparison. No part of this comparison shall form the basis of or be relied upon in connection with any contract or commitment.

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**Efficiency Under Different Irradiances****Warranted Power Conditions**