

Manufacturer	REC	Canadian Solar	Canadian Solar
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Module Class

Module Type	REC250PE	CS6P-250P	CS6P-250M
Solar Cell	Poly	Poly	Mono
Wafer Supplier	REC	Canadian Solar	Canadian Solar

Electrical Characteristics

Power Range (W)	250	250	250
Module Efficiency	15.1%	15.5%	15.2%
Power Tolerance (+/-W)	-0/+5W	-0/+5W	-0/+5W
Temp Coefficient of P_{MPP} (%/°C)	-0.4	-0.43	-0.45
NOCT (°C)	45.7	45	45
Max System Voltage (V)	1000	1000	1000
Reverse Current Rating (A)	25	15	15

Mechanical Ratings

Dimensions	W (mm)	991	982	982
	H (mm)	1665	1638	1638
	D (mm)	38	40	40
Junction Box		IP67	IP65	IP65
Weight (kg)		18	19	19
Max Wind Pressure (Pa)		2400	2400	2400
Max Snow Load (Pa)		5400	5400	5400

Warranty

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

Performance

PTC:STC Ratio*	91.0%	91.0%	91.0%
Antireflection Coating	Yes	Yes	Yes
Salt Spray Certification (Level 1-6)	6	1	1
Ammonia Certification	Yes	Yes	Yes
Yield Advantage Compared To REC	-	-0.79%	-1.74%

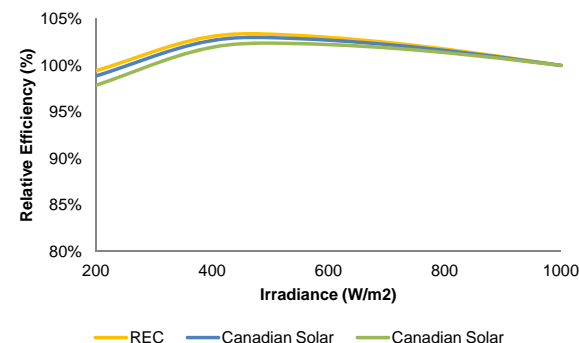
 REC Advantages

* 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 generated using the one-diode model and Endeas 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**