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Company profile



REC Group is a global company





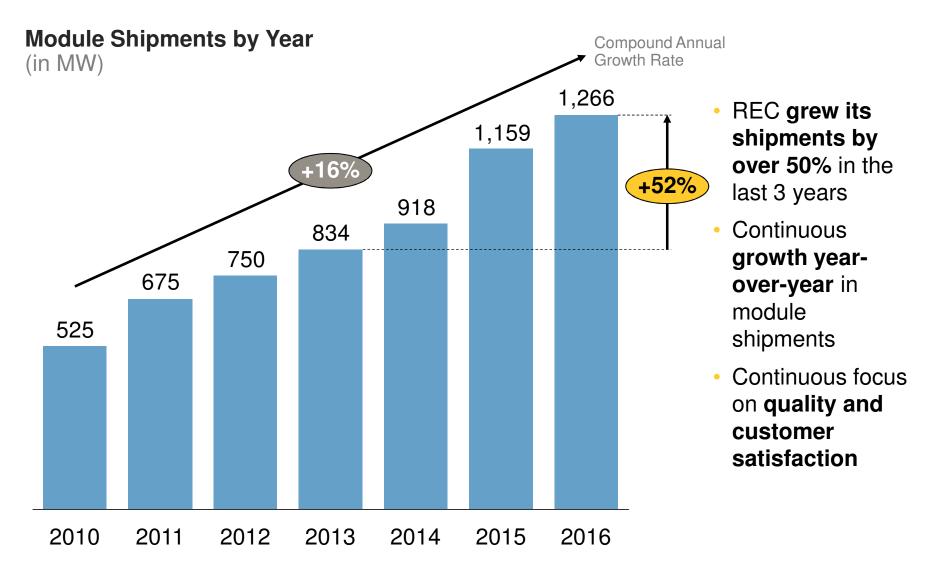
REC's integration throughout the solar PV value chain allows for quality control every step of the way



Silicon	Wafer	Cells	Solar panels	Solutions
		REC		
Polysilicon production and ingot casting	Casting, wafer manufacture and slicing	Doping, Passivation and Metallization	Module Assembly and Testing	EPC Services and tendering support
 Production in Norway Polysilicon production capacity of 6,600 tonnes and block capacity of 1,800 MW 	 Production in Singapore 800 MW production capacity 	 Production in Singapore 800 MW production capacity 	 Production in Singapore 1400 MW production capacity 	REC Solutions – A JV Company between REC and Gräss offers a range of EPC services globally

REC has grown at a steady but sustainable pace, ensuring that our commitment to quality is maintained





REC is your partner, not a competitor



Most large solar PV manufacturers compete against their customers for PPA awards

Company	 Project Development Activity Through its subsidiary Recurrent Energy, Canadian Solar is developing a 4 GW pipeline of projects with 2.1 GW of projects already won via competitive tender in the US and globally 			
CanadianSolar				
(CELLS)	 Beat out dozens of US developers to sign a 170 MW PPA with Austin Energy for 25-year supply Recently won PPAs in Hawaii and Mexico 			
Solar JinKO We Build Your Trust in Sun	 Beat out dozens of global developers to win a 188 MW PPA award in the most recent Mexican solar PV auction Together with Marubeni won a PPA auction for solar PV supply in UAE with a bid of \$0.024/kWh 			
Trina solar	 Added 27 MW of DG solar PV projects to its portfolio Announced the acquisition of a 49.9 MW solar PV plant in the UK 			
₩ RFC	Does not develop projects and does not compete for PPAs			



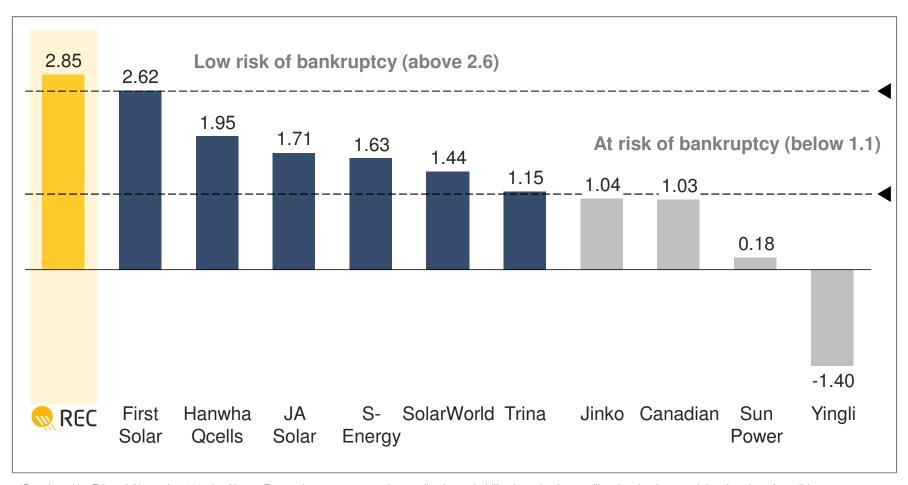
Financial strength



REC ranks #1 with respect to lowest bankruptcy risk



Altman-Z scores* of PV Manufacturers (as of Q3 2016)

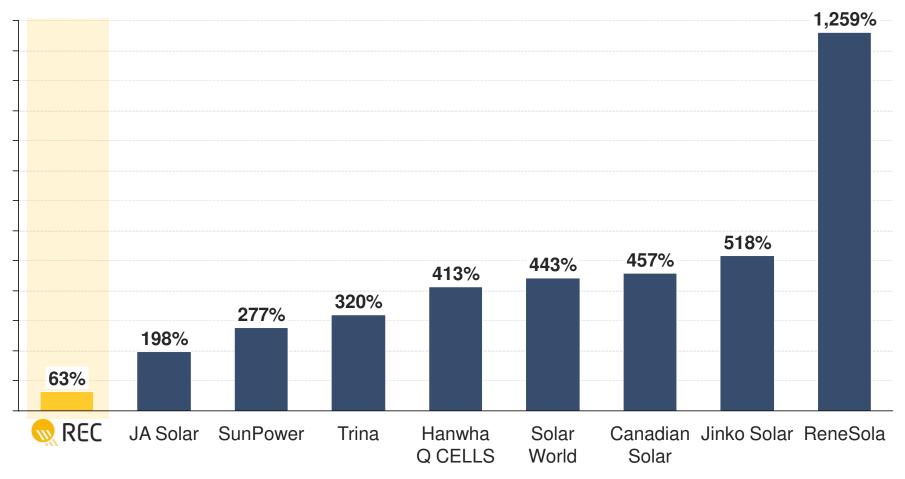


^{*}Developed by Edward Altman in 1968, the Altman-Z score is a measure used to predict the probability that a business will go into bankruptcy. It is a function of tangible assets, working capital, retained earnings, EBIT, value of equity, total liabilities, and historical revenue. The score is widely accepted by auditors, accountants, courts, and database systems used to evaluate loans. The Altman Z score can be calculated for private or public companies based on slightly different formulas

REC ranks #1 amongst major crystalline silicon peers with respect to healthiest debt to equity ratio



Total debt* as a percentage of total equity at end of Q3 2016 %



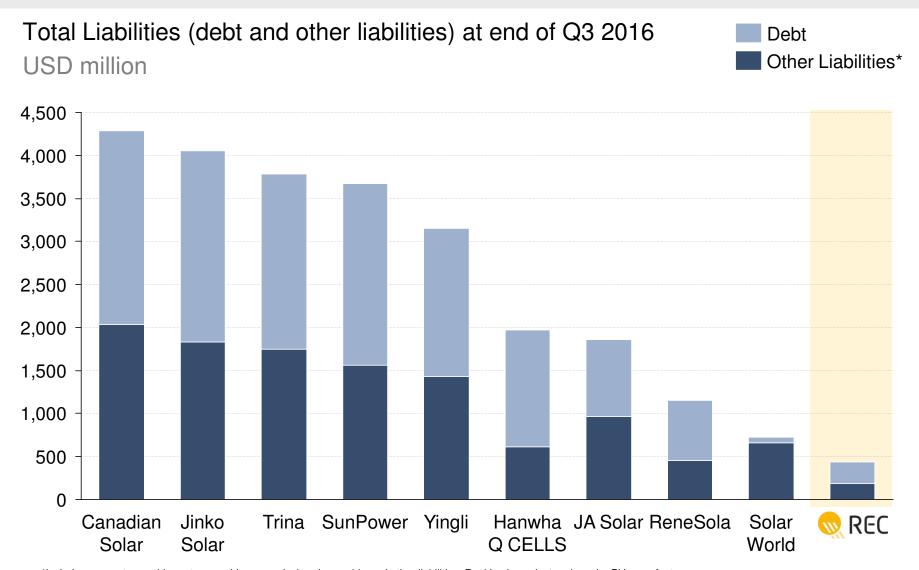
^{*}Total liabilities (debt and other liabilities) divided by total equity; Ranking is against major crystalline silicon PV manufacturers

Source: Quarterly financial reports

REC ranks #1 with respect to lowest levels of debt



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^{*}Includes accounts payable, notes payable, accruals, bonds payable and other liabilities; Ranking is against major solar PV manufacturers

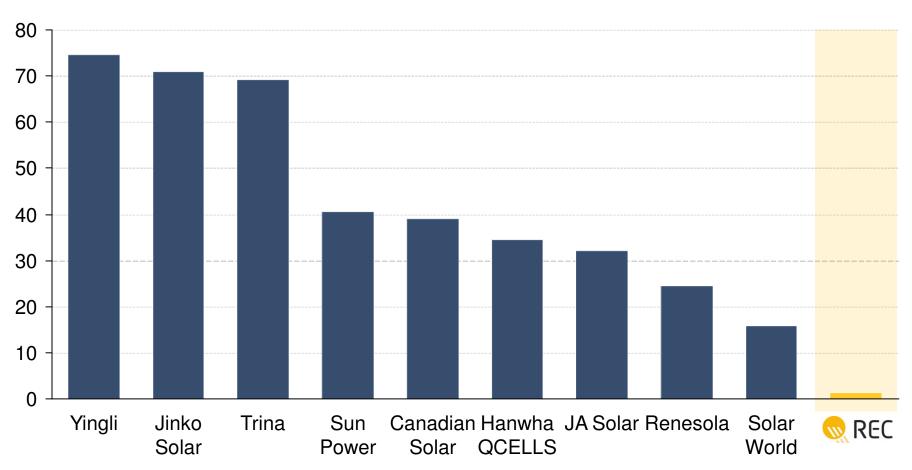
Source: Quarterly financial reports

REC ranks #1 with respect to lowest interest expenses



Q1- Q3 2016 Total Net Interest Expense

US\$ million

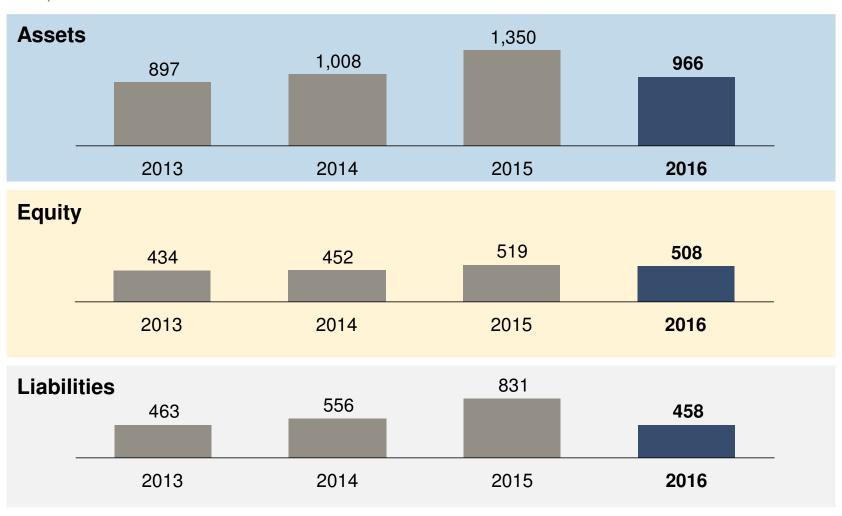


REC's performance has been facilitated by a well-capitalized balance sheet with low debt levels



REC Group Balance Sheet

US\$ million





Product Strength

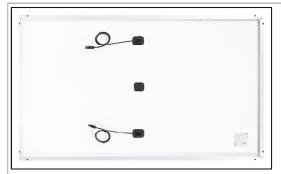


Leading Product Features





- Highest power multi crystalline module in both 60 and 72-cell formats
- Unique half-cut cell architecture provides unparalleled performance in shaded conditions



 Thinner frames allow for greater packing density and reduced shipping and storage costs



- 100% free from Potential Induced Degradation (PID)
- Low LID
- Internal testing to 3x the industry standard

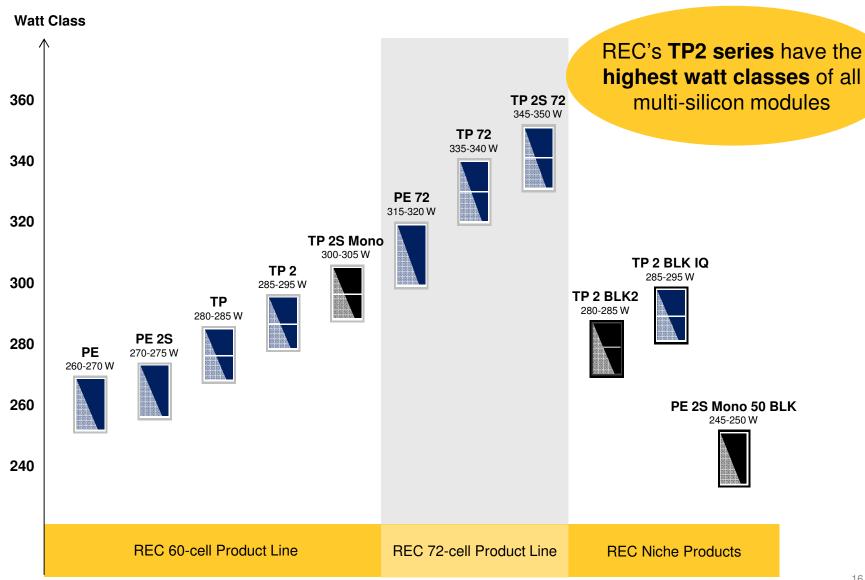
REC Quality Pillars





REC ranks #1 for highest power in multi modules

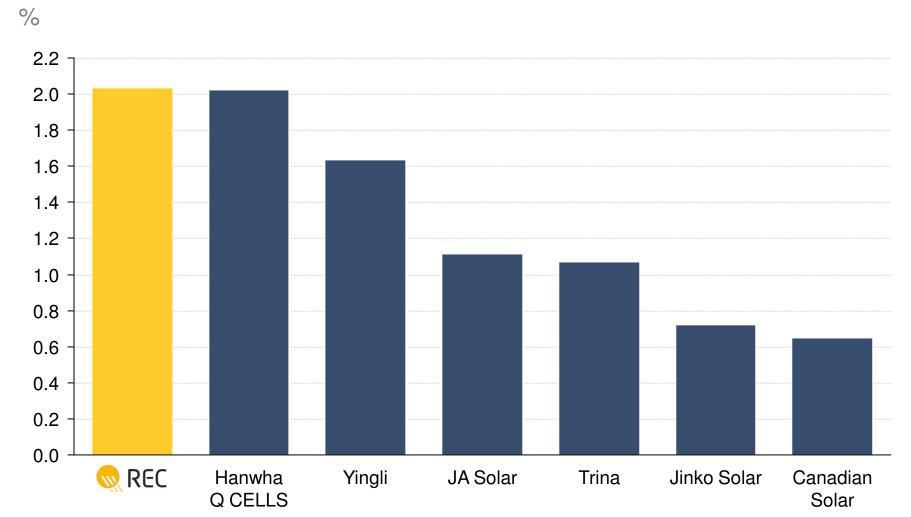




REC ranks #1 in R&D as a percentage of revenue amongst major multi-silicon producers



Q1-Q3 2016 Total R&D expenditure as percentage of total revenue



REC ranks #1 with respect to multi-crystalline cell efficiency



- REC recently achieved a multi-crystalline solar cell efficiency of 20.46% and expects to see an average efficiency above 20% in mass production from the beginning of 2017
- This achievement illustrates REC's focus on technology leadership and commitment to delivering the greatest value to our customers worldwide
- REC is the first known manufacturer to successfully achieve such a high cell efficiency on a multicrystalline platform for industrial-scale production
- "REC continuously strives to develop new products and processes that provide customers with high quality, high power, and high value solar panels," says Steve O'Neil, Chief Executive Officer at REC.





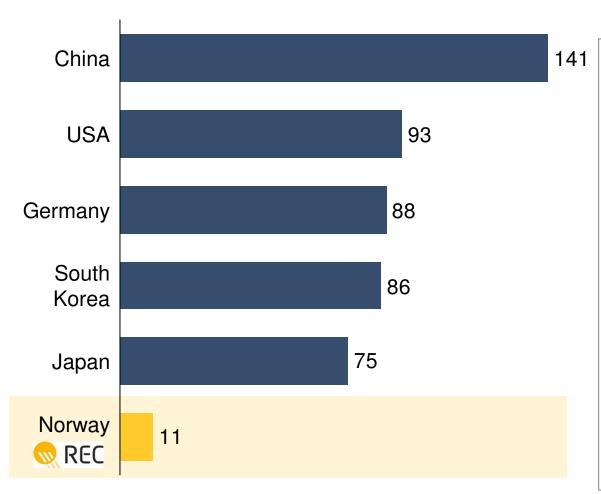
REC ranks #1 in sustainable PV manufacturing



Polysilicon CO₂ Footprint based on region of manufacture

Kg CO₂e/kg polysilicon





- The polysilicon manufactured by REC at is Norwegian polysilicon plant has the World's lowest carbon footprint thanks to an energy efficient process and hydro powered energy source
- Cell and module manufacturing is done in Singapore under some of the most rigorous environmental standards in the World
- Numerous global certifications for the highest standards of product quality and production

Our accomplishments have not gone unnoticed



- Intersolar Award in "Photovoltaics" category for REC TwinPeak Series
- Singapore 1000 "Net Profit Growth Excellence Award (Manufacturing)"
- IAIR Award: "Best Company for Sustainability; Solar Energy Solutions Global" (two years in a row)
- Frost and Sullivan "Customer Value Enhancement Award" for Solar Industry
- Solar Industry Award for "Module Manufacturing Innovation"
- Global certifications for the highest standards of product and production quality





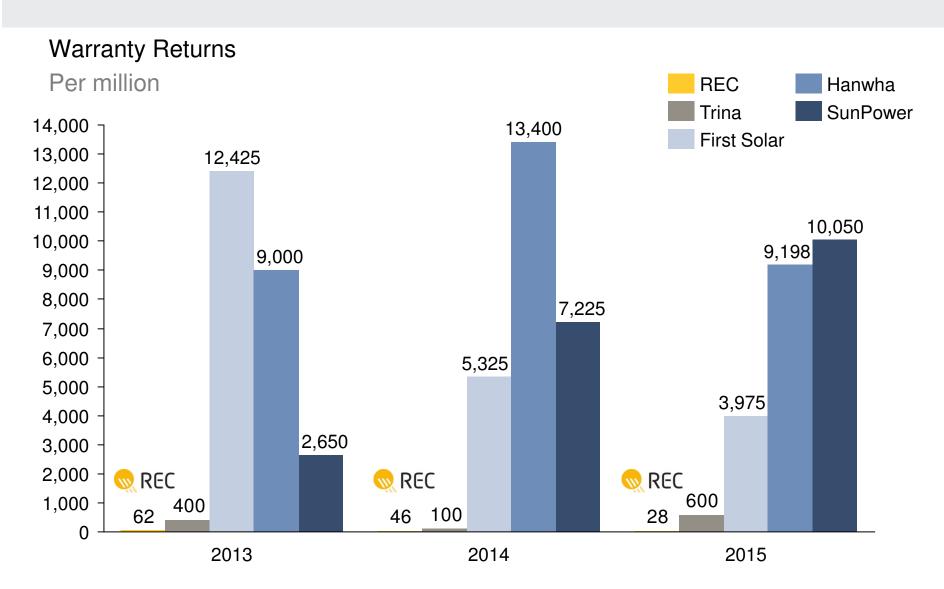
Performance



REC ranks #1 with respect to lowest warranty claims*



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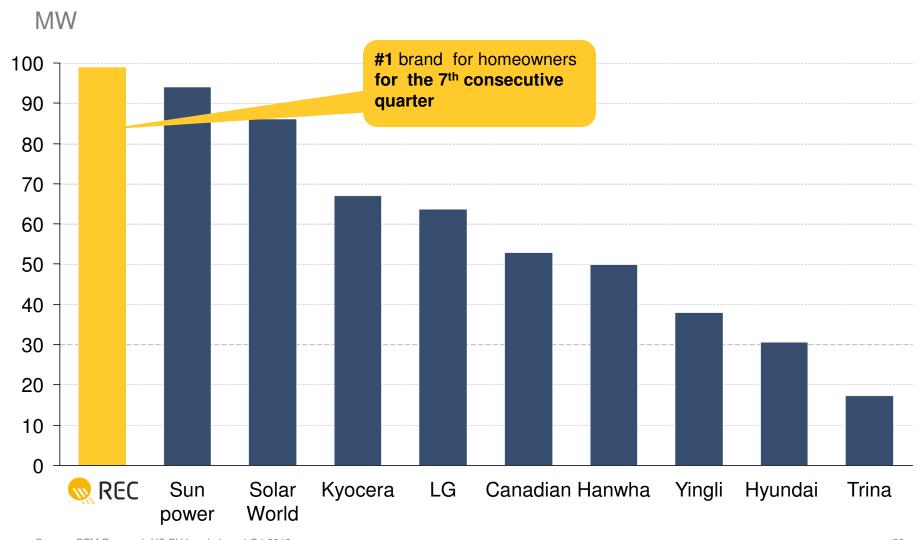
^{*} Data shown is based on publically available information

Source: Warranty Week 2016

REC ranks #1 in the largest residential solar PV market in the US



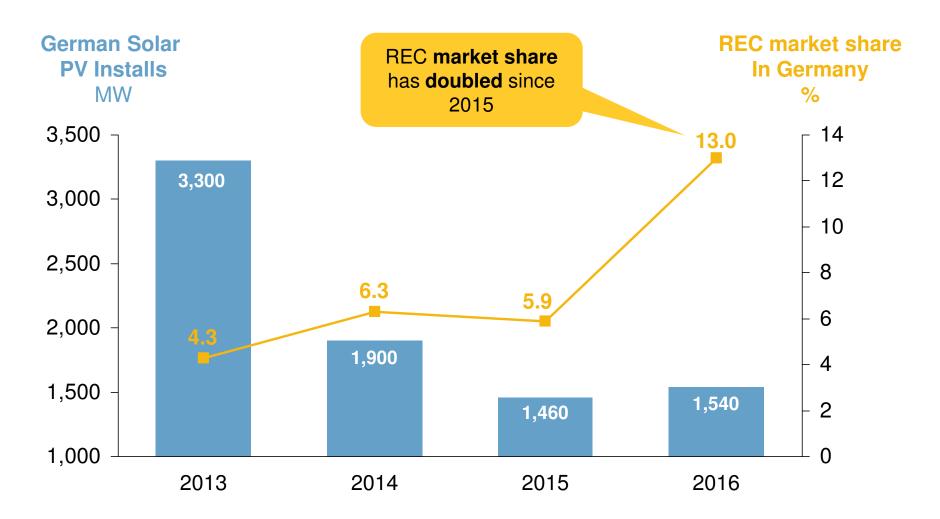
Q3 2016 California Residential Solar PV Installations



REC ranks as the #1 module supplier in Germany



REC continues to win market share in the German solar PV market



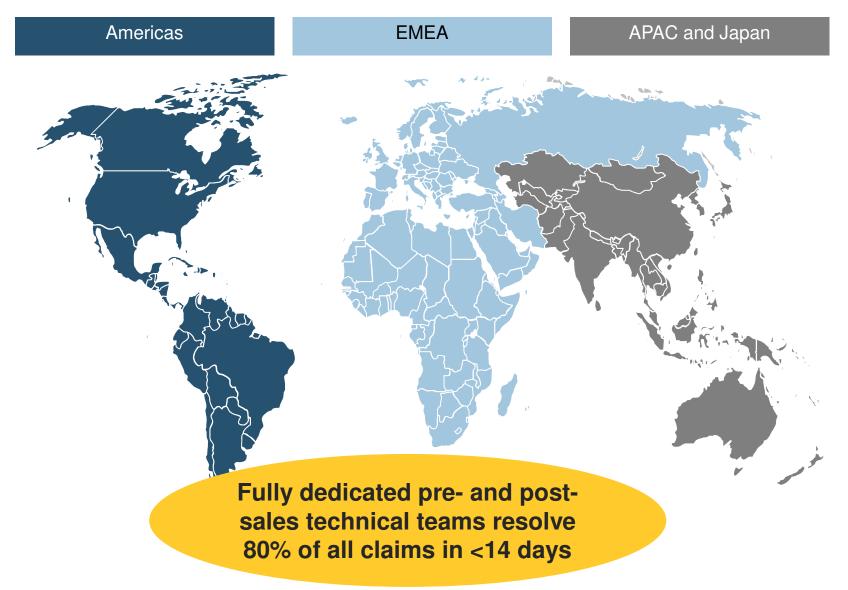


Sales and Service



REC has complete global coverage for pre- and postsales technical support





REC works closely with you through an industryleading installer certification program



- REC Solar Professional Program offers added benefits to solar installers
- Unique training on how to best install and sell REC solar panels, enabling installers to maximize business potential
- Exclusive access to tools and services:
 - Warranty extension (10+2 years)
 - Flash data
 - Inclusion in Installer Locator
 - Training videos
- Re-certification sessions to ensure installers stay at the forefront
- Hundreds certified around the world

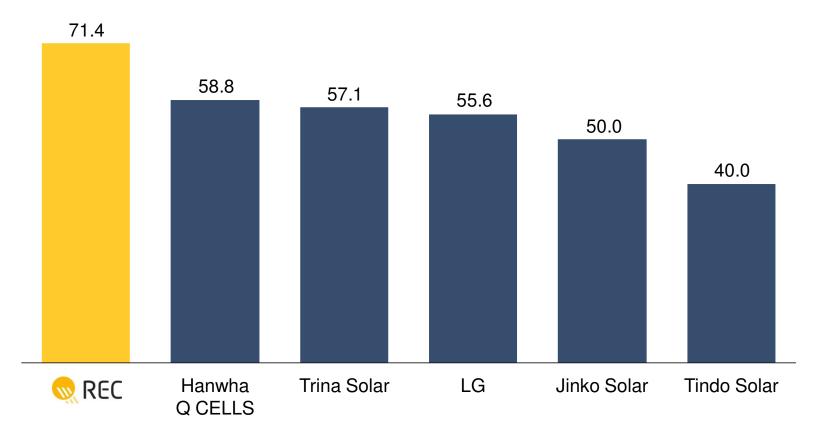


REC ranks as the #1 most recommended brand amongst installers in the Australian market



Net Promoter Score Results*

Responses to the Question: How likely are you to recommend this brand to your customers?



^{*}The Net Promoter Score is a tool used to measures customer loyalty to a brand or company. In an independent market survey conducted by EuPD Research, installers were asked to indicate how likely they were to recommend these brands to their customers on a scale of 0 (unlikely) to 10 (very likely). The NPS is calculated by subtracting the number of detractors (scores of 0-6) from the number of promoters (score of 9-10).

Source: EuPD Research 2017





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