

LONGEVITY AND DURABILITY

SunPower was founded in 1985 by Dr Richard Swanson, after development of a robust longlife energy source requirement for the US Army's GPS satellite program.

SunPower's Maxeon technology was groundbreaking and completely different from traditional conventional panel technology. This difference still exists today.

In space - whether it be on satellites, the moon or Mars - you can't simply change over the solar panels if they fail. For this reason Maxeon is still the only technology used 'off-planet.'

SunPower has 'engineered out' conventional panels' major flaws of cracking and corrosion (see Graphs 1 and 2). These flaws account for 86% of why such panels fail. The cracking and corrosion of conventional panels can happen in many ways:

- ✗ During transport
- ✗ While being installed
- ✗ Due to wind loads on roofs - once installed
- ✗ Via expansion and contraction with outdoor temperature changes.

These two SunPower patented solar technologies were purposely designed to avoid these two key flaws.

- ✓ Sunpower Maxeon
- ✓ SunPower Performance Series

PRODUCT WARRANTY DIFFERENCE

Most solar panel brands make claims of how good they are and how long they last. However, the real confidence the manufacturer has with their product is best represented by what their product warranty and escape clauses cover.

Graphs 3 and 4 summarise these (next page). All conventional panel manufacturers fail to cover all the costs associated with replacing faulty panels. The range of product warranty loopholes deployed by most conventional manufacturers is disturbing.

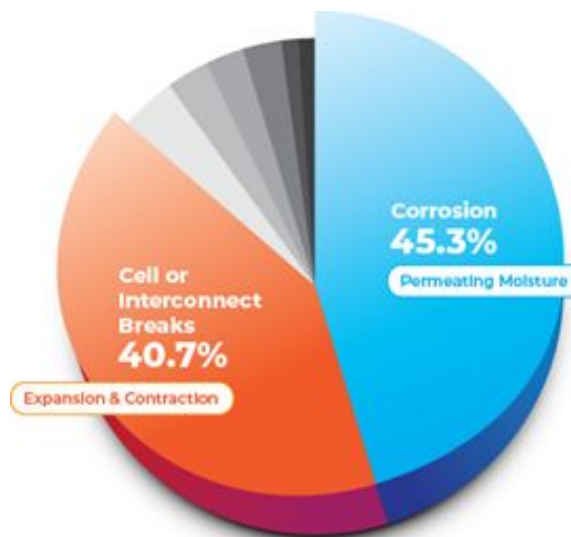
SunPower stands out from the rest:

1. Market leading product warranty length of 40-years
2. Market leading coverage - freight, parts, labour and disposal
3. No product warranty escape clauses
4. No slavery in supply chain - SEDEX listed independent audit results
5. No toxic materials used (lead, chlorine, florine)

(SEDEX is a leading global reference source for independent audits of responsible and ethical sourcing).

GRAPH 1

Conventional panel failures*

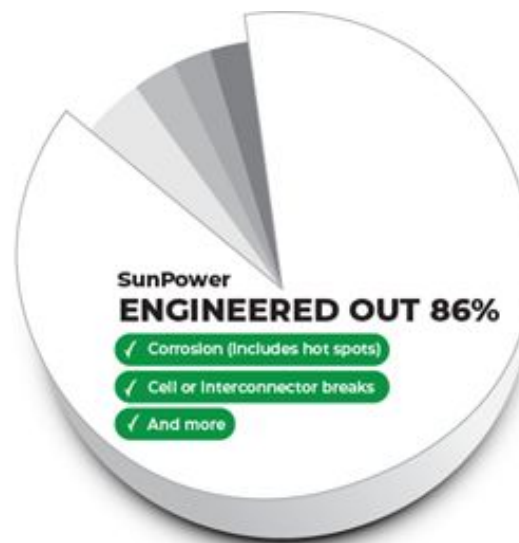


- Corrosion
- Cell or interconnect breaks
- Output lead problems
- Junction box problem
- Jbox delamination
- Overheater wires, diodes, terminal strips
- Mechanical damage
- Defective bypass diodes

* Wohlgemuth, J. "Reliability of PV Systems," Proceedings of SPIE

GRAPH 2

SunPower enhanced panel technology



- Engineered Out Faults
- Output lead problems
- Overheater wires, diodes, terminal strips
- Mechanical damage
- Defective bypass diodes

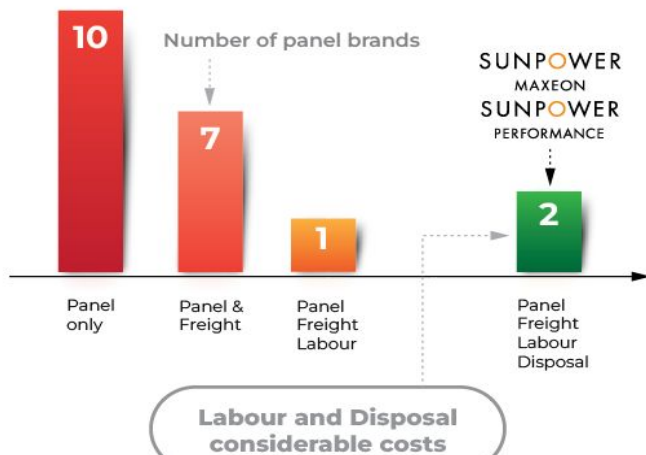


TOP 20 SOLAR PANELS

GRAPH 3

Product Warranty Coverage

Based on brands best selling model*



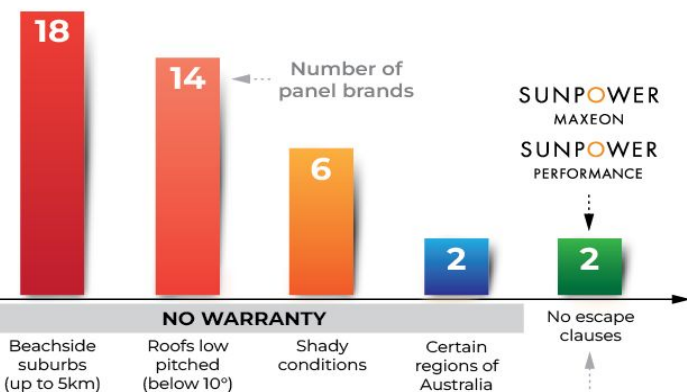
* 2023 survey conducted by Energy Buster

TOP 20 SOLAR PANELS

GRAPH 4

Product Warranty Escape Clauses

Based on brands best selling model*



* 2023 survey conducted by Energy Buster

SUNPOWER™ NUMBER 1

- ✓ Efficient Panel¹
- ✓ Lowest Degradation²
- ✓ Durability³
- ✓ Longevity⁴
- ✓ Lowest product warranty returns⁵
- ✓ Combined Product & Performance Warranty⁶
- ✓ Most patents for solar panels: 1400+⁷
- ✓ Panels first introduced to market: 1985
- ✓ Backed by 10th largest global company⁸
- ✓ Sustainability^{9, 10, 11, 12, 13}
- ✓ Social Justice^{14, 15, 16, 17}

NOTES:

1. Green, M. A., et. al. Solar Cell Efficiency Tables (version 48), Progress in Photovoltaics, 2016
2. NREL and Black & Veatch independent degradation study
3. "Fraunhofer PV Durability Initiative for Solar Modules: Part 3," PVTech Power, 2015
4. SunPower Module 40-Year Useful Life," SunPower white paper. 2013. Useful life is 99 out of 100 panels operating at more than 70% of rated power
5. Only 1 in 20,000 SunPower panels fail (Green Convergence AUG 2016 - comparison of all publicly listed solar panel manufacturers annual reports).
6. Energy Buster Australian market review 2020
7. Maxeon is a leader in solar innovation with over 1,400 patents and two best-in-class solar panel product lines - as of 2023.
8. SunPower majority owned by the French oil & gas conglomerate Total Energy
9. Silicon Valley Toxic Coalition 2015 to 2017
10. Declare - full transparency of product ingredients (first and still only solar panel manufacturer to be accredited with).
11. NSF - no net landfill from manufacturing plant construction and operation (first and still only solar panel manufacturer to be accredited with).
12. Cradle to Grave - first solar panel manufacturer to be certified.
13. Winner of PV magazine 2019 inaugural sustainability award
14. Global Human Rights Policy
15. Code Of Business Conduct and Ethics
16. United Nations Sustainability Goals (SDG)
17. Maxeon - Sustainability Report 2020



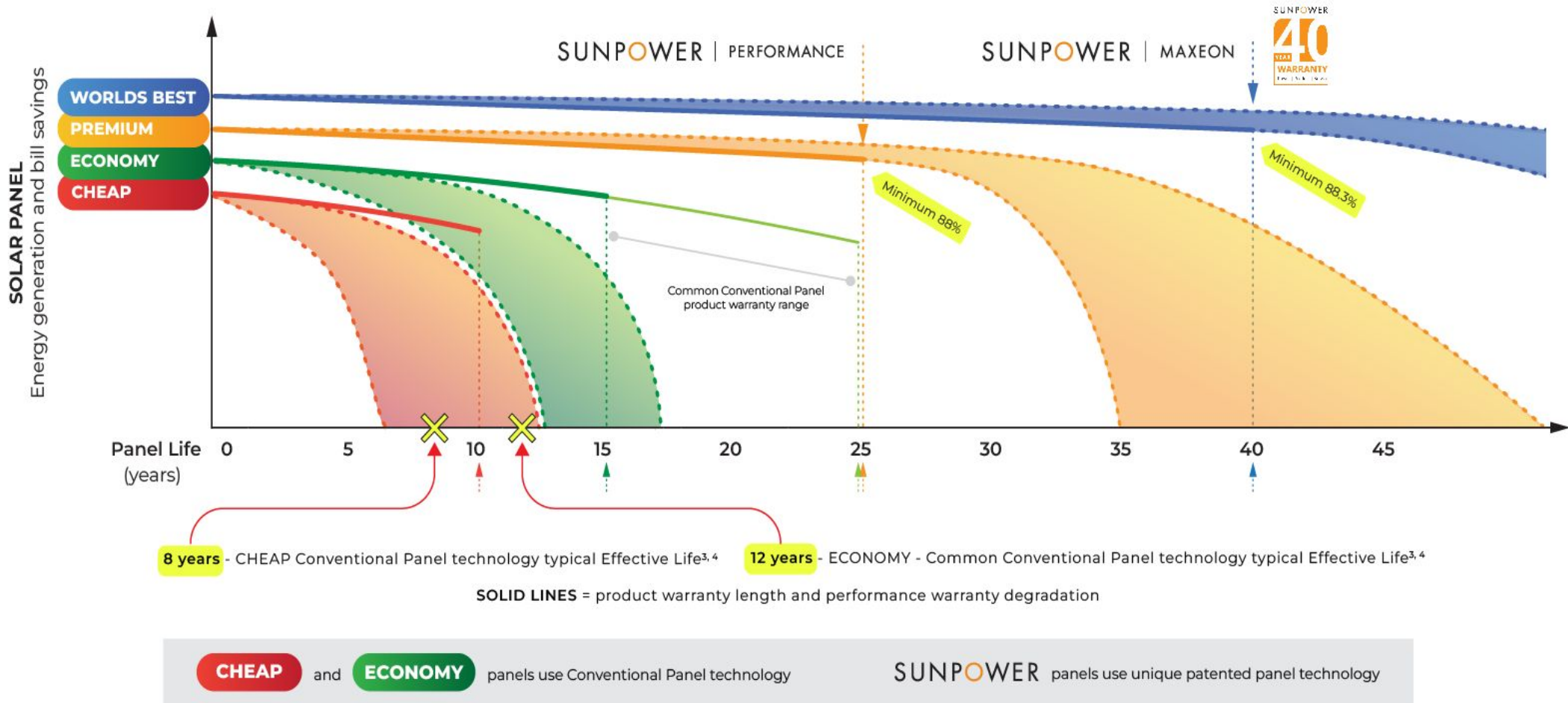
THE SUNPOWER DIFFERENCE

DEEPER LOOK

A LITTLE EXTRA GOES A LONG WAY

GRAPH 5

Over lifetime cheaper panels cost considerably more than leading quality panels^{1,2}



1. Illustrative guide 2. Based on product warranty 3. EFFECTIVE LIFE = 70% of panels still generating at least 70% compared to when first installed 4. Wohlgemuth, J. "Reliability of PV Systems," Proceedings of SPIE