

# The SunPower Equinox™ System Advantage

SUNPOWER | EQUINOX™

## Company



### Silicon Valley, California Headquarters

100% focus on solar  
Backed by Total S.A., a \$128 billion public energy company

## LG-based Composite System

### Seoul, Korea Headquarters

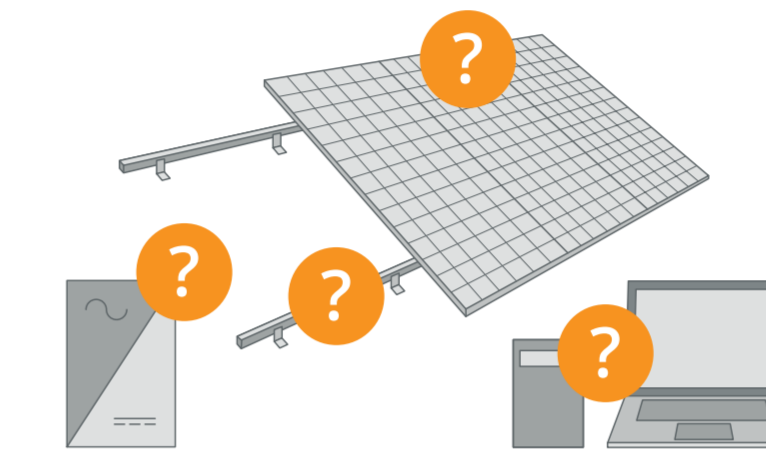
Primary focus on home entertainment and appliances  
\$48 billion public company

## System



### 100% SunPower

The SunPower Equinox™ system is designed and engineered by one company to work together, with a single comprehensive warranty and a suite of financial products.



### LG panels only

Other components required  
Complete system requires inverters, racking and monitoring  
No LG financing products

## Warranty



### SunPower Complete Confidence Warranty

Our warranty is the only warranty to cover your whole system (not just the panels).



### Complete System

SunPower covers both product quality and power production of your entire system.



### Complete Service

It's the best warranty you may never have to use. But if you do, we make it simple and quick.

### Panel Warranty (LG pass-through)

12- to 25-year coverage, depending on panel  
Shipping and labor not included  
Excludes rust damage  
Requires original sales receipt

### System components (3+ pass-through) warranties

Inverter manufacturer—terms vary  
Racking manufacturer—terms vary  
Monitoring manufacturer—terms vary

## Performance and Reliability



### Most efficient solar panels on the market, up to 24.1%.<sup>1</sup>

### 0% power loss from hot and cold cycling<sup>2</sup>

After 800 temp. cycles (-40°F to 185°F)

### 2% power loss in humidity<sup>2</sup>

After 4,000 hours damp heat (185°F / 85% RH)

### Module efficiency up to 21.1%

### 2.5% power loss from hot and cold cycling<sup>2</sup>

After 800 temp. cycles (-40°F to 185°F)

### 20% power loss in humidity<sup>2</sup>

After 4,000 hours damp heat (185°F / 85% RH)

## Sustainability



### #1 Solar Scorecard by Silicon Valley Toxics Coalition

97/100 points<sup>3</sup> total  
10/10 points for Panel Toxicity  
10/10 points for Emissions Transparency  
Panels comply with guidelines to eliminate toxic materials  
Member of the U.S. Green Building Council

### Solar Scorecard by Silicon Valley Toxics Coalition

62/100 points<sup>3</sup> total  
0/10 points for Module Toxicity  
0/10 points for Emissions Transparency

<sup>1</sup> NREL PV Standardized Module Performance Test Report #2K1656A, SunPower X-Series panels achieved 24.1% efficiency, June 2016.

<sup>2</sup> PVEL Test Reports R671F1 and R671H1, SunPower showed +0.4% power increase.

<sup>3</sup> Source: <http://www.solarscorecard.com/2015/2015-SVTC-Solar-Scorecard.pdf>, 2016.

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SUNPOWER | EQUINOX™

## Company



### Silicon Valley, California Headquarters

100% focus on solar  
Backed by Total S.A., a \$128 billion public energy company

## Panasonic Composite System

### Kadoma, Japan Headquarters

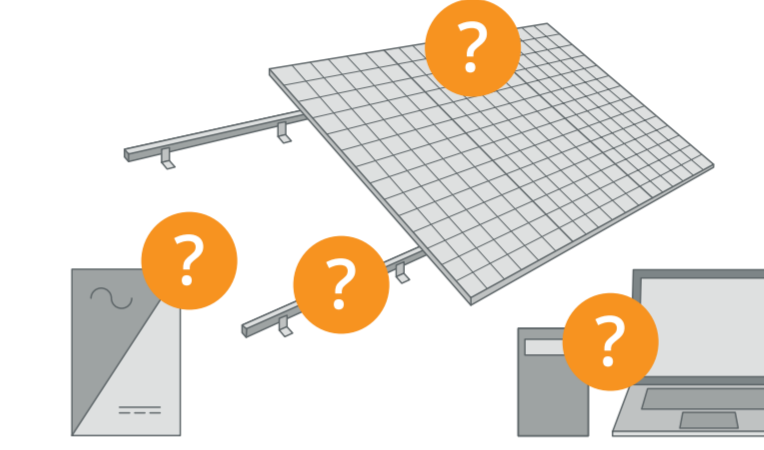
Primary focus on appliances and automotive products  
\$67 billion public company

## System



### 100% SunPower

The SunPower Equinox™ system is designed and engineered by one company to work together, with a single comprehensive warranty and a suite of financial products.



### Panasonic panels only

Other components required  
Complete system requires inverters, racking and monitoring  
No Panasonic financing products

## Warranty



### SunPower Complete Confidence Warranty

Our warranty is the only warranty to cover your whole system (not just the panels).



### Complete System

SunPower covers both product quality and power production of your entire system.



### Complete Service

It's the best warranty you may never have to use. But if you do, we make it simple and quick.

### Panel-only

Shipping (old and new product) and installation not included  
Excludes damage from rust or ocean spray  
Requires proof of qualified purchase and installation  
Excludes damage from component non-compatibility

### System components (3+ pass-through) warranties

Inverter manufacturer—terms vary  
Racking manufacturer—terms vary  
Monitoring manufacturer—terms vary

## Performance and Reliability



### Most efficient solar panels on the market, up to 24.1%<sup>1</sup>

### Hot and humid environments

0.3% power loss per year<sup>2</sup>

### Module efficiency up to 19.7%

### Hot and humid environments

1.24% power loss per year<sup>2</sup>

## Sustainability



### #1 Solar Scorecard by Silicon Valley Toxics Coalition

97/100 points<sup>3</sup> total  
10/10 points for Supply Chain  
18/20 points for Extended Producer Responsibility  
Panels comply with guidelines to eliminate toxic materials  
Member of the U.S. Green Building Council

### Solar Scorecard by Silicon Valley Toxics Coalition

50/100 points<sup>3</sup> total  
1/10 points for Supply Chain  
2/20 points for Extended Producer Responsibility

<sup>1</sup> NREL PV Standardized Module Performance Test Report #2K1656A, SunPower X-Series panels achieved 24.1% efficiency, June 2016.

<sup>2</sup> TUV Report 50039738-001, 2017..

<sup>3</sup> Source: <http://www.solarscorecard.com/2015/2015-SVTC-Solar-Scorecard.pdf>, 2016.

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