

Module Specifications and System Maximum Output

System Nameplate DC Rating of (35) - 360 Watts (STC) <sup>1)</sup>	12.60 kW				
System Real World DC Power (PTC) <sup>2)</sup>	11.74 kW				
System DC Output After Soiling & Tolerance Losses	11.54 kW				
System Max AC Output After Inverter & Wiring Losses	11.03 kW				
System Max AC Output Hot Summer Day	9.92 kW				
Equipment	Manufacturer & Model	Quantity	Power	Efficiency	Dimension
PV Modules - SunPower SPR-X22-360-WHT-AC		35	360 W	22.1%	61.4in x 41.2in
Inverter(s) - SunPower E-ACPV 320		35	320 W	97.5%	627 sq.ft.

Array Information

Array Information: | (23) - South Southeast - 3:12 Pitch - 14.0% Shade

Site Access & Production Data

% of Optimal Orientation (TSOF): 95.0%  
 Solar Access after Shading: x 85.0%  
**Total Solar Resource Factor (TSRF<sup>4)</sup>): 80.8%**  
 Average Daily Solar Hours: x 4.08 hrs/day  
 x 365 days  
 System Max Output (1st Year): x 11.03 kW  
**Solar Production (1st Year): 13,254 kWh**  
 x 10 years  
 Average System Aging (10 years): x 98.7%  
**Performance Guarantee (10 years): 130,767 kWh**

Performance Guarantee Overview

Your PV System has a TSRF of 80.8% and allows you to qualify for Sunergy Systems Performance Guarantee. If your system's ten year kWh production, from date of installation, produces less than 95% of the projected energy output of 130,767 kWh, Sunergy Systems shall reimburse the customer 110% of the lost savings of the average cost of electricity over that ten-year period.

Additional Details on Sunergy Systems Performance Guarantee Warranty Page.

Investment Financials

Total System Investment	\$35,495
26% Federal Tax Credit for Solar	(\$9,229)
Other	
Estimated 10-Year Net-Meter Savings (rate 3.5%/yr) <sup>3) 5)</sup>	(\$19,559)
Estimated 10-Year Return on Investment	(\$6,707)

- Notes:** <sup>1)</sup> "STC" Standard Test Condition defines the maximum power generated by the solar modules  
<sup>2)</sup> "PTC" PV USA Test Condition defines the projected power generated under real world conditions  
<sup>3)</sup> Electric savings valued as pre tax dollars.  
<sup>4)</sup> "TSRF" is calculation of the Systems overall Orientation, Pitch/Tilt, and Shading  
<sup>5)</sup> Performances based on the system AC output, site TSRF (orientation, tilt & shading) and 4.08 solar hrs/day.

Customer agrees to the Array Information and understands the Performance Guarantee Overview, using the site information used to generate your system's TSRF:

