

Roofing Kit 360-0146-004

2 solar module rows x 4 solar modules per row

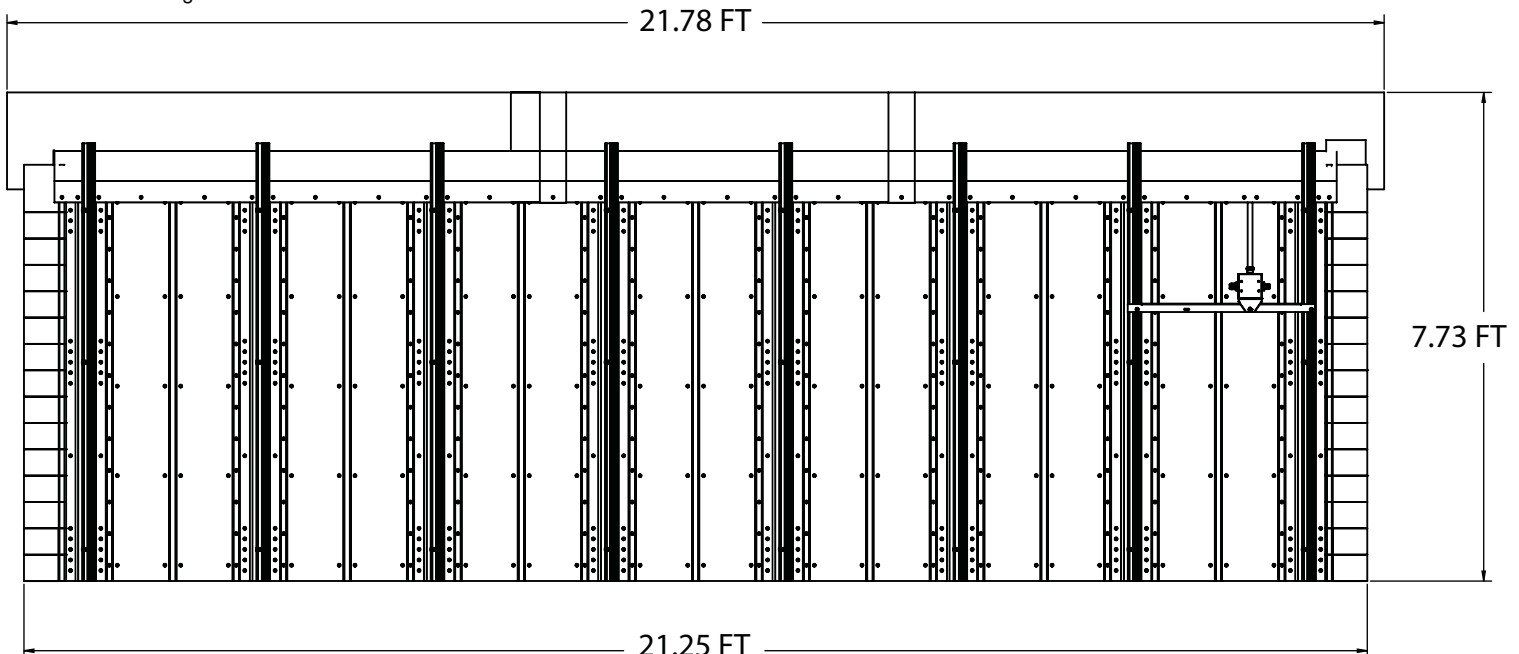
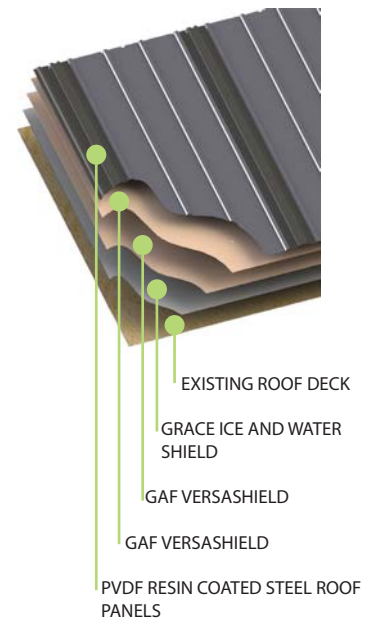
FEATURE	SPECIFICATION
Total Roof Kit Footprint (including flashings, Sq Ft)	168.36
System Height (roof deck to top of solar module, inches)	3.24
Roof Panel Material	GALVALUME [®] ALUMINUM-ZINC COATED STEEL G90 or AZ50 IAW ASTM A653 or A792
Roof Panel Top Coating	KYNAR [®] PVDF RESIN: Painted and anodized finishes meet or exceed ASTM B117 Salt Spray (1000 Hrs.) and ASTM G23 Accelerated Weathering (5000 Hrs)
Total System (Solar + Roof) LBS SQ.FT.	4.6
Structural Panel Thickness	18 Gauge (0.048")
Span Panel Thickness	24 Gauge (0.024")
Underlayment Layer 1	Grace Ice and Water Shield HT
Underlayment Layer 2 and 3	GAF VersaShield
Setback Requirements	None
Fire Resistance Rating (roof and solar module system)	UL 790 Class A: Complies with UL 1703 3rd Edition May 2014 Fire Classification Standard with Type 1 Solar Modules
Wind Uplift	UL 580 Class 90
Monoslope Roof Pitch MIN/MAX*	2:12 / 7:12
Hip-Gable Roof Pitch MIN/MAX*	2:12 / 6:12
Roof Deck Requirement	7/16" OSB or 1/2" Structural plywood

*See Xandex Structural Engineering Drawing 640-0009 for details
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ROOF INTEGRATED RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEMS

The 2 x 4 SunMizer Solar Roofing System is a fully flashed metal roofing system with integrated solar module support structure .

SunMizer Solar Roofing is tested as a system (roofing and solar panels) and has received both UL 790 Class A fire resistance rating and UL 580 Class 90 wind uplift rating.



Solar Kit 360-0147-004

2 solar module rows x 4 solar modules per row

ROOF INTEGRATED RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEMS

The 2 x 4 SunMizer Solar Roofing System has 8 monocrystalline 300 Watt solar modules with peak power production of 2.4 kW DC. Modules are made in North America.

This 2.4 kW DC system will offset 30%-40% of an average household's electrical use in just under 145 Sq. Ft. of solar array area.

The 2 module by 4 module SunMizer SRS requires only one sealed roof penetration for electrical pass through. DC wiring is routed to the inverter through the attic for a clean, uncluttered profile.

Black framed solar modules with black backsheet combined with SunMizer's low profile design provide a "skylight" aesthetic that complements any roof.



300 Watt Monocrystalline Solar Module

FEATURE	SPECIFICATION
Finished Solar Module Array Footprint Sq Ft	144.1
Solar Modules Supported	8
Module Orientation	Landscape
Module Type	60 Cell Type 1
PV Cell Type	Monocrystalline Silicon
Module DC Output (STC)	300 Watts
System DC Output (STC)	2.4 kW
South Facing kWh AC production per Year**	3,360
South West Facing kWh AC production per Year**	2,880
South East Facing kWh AC production per Year**	2,640
Inverter	SMA Technologies "Sunnyboy" or PowerOne "Aurora"
Web Based Performance Monitoring	Optional

**Northern California, San Francisco Bay Area

