

# Roofing Kit 360-0144-005

3 solar module rows x 5 solar modules per row

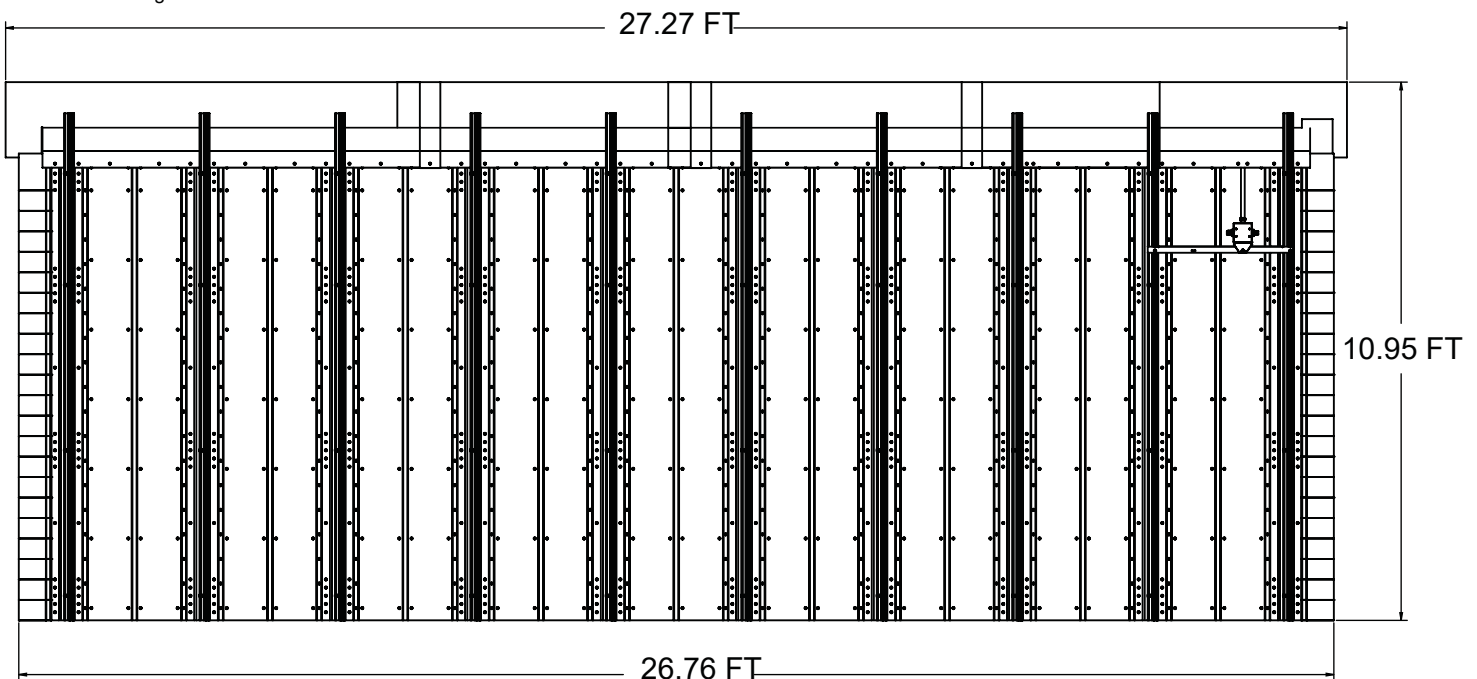
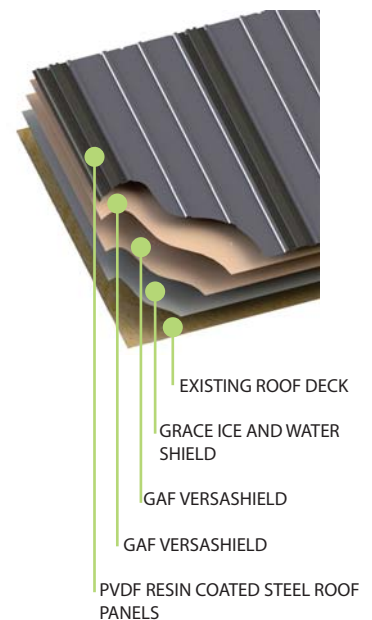
FEATURE	SPECIFICATION
Total Roof Kit Footprint (including flashings, Sq Ft)	298.61
System Height (roof deck to top of solar module, inches)	3.24
Roof Panel Material	GALVALUME <sup>®</sup> ALUMINUM-ZINC COATED STEEL G90 or AZ50 IAW ASTM A653 or A792
Roof Panel Top Coating	KYNAR <sup>®</sup> PVDF RESIN: 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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 KYNAR<sup>®</sup> is a registered trademark of Arkema Inc.

## ROOF INTEGRATED RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEMS

The 3 x 5 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 360-0145-005

3 solar module rows x 5 solar modules per row

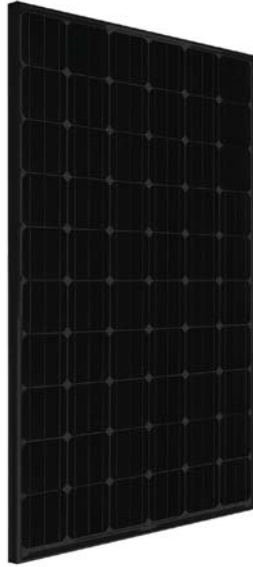
## ROOF INTEGRATED RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEMS

The 3 x 5 SunMizer Solar Roofing System has 15 mono-crystalline 300 Watt solar modules with peak power production of 4.50 kW DC. Modules are made in North America.

This 4.50 kW DC system will offset 60%-75% of an average household's electrical use in just over 272 Sq Ft of solar array area.

The 3 module x 5 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	272.03
Solar Modules Supported	15
Module Orientation	Landscape
Module Type	60 Cell Type 1
PV Cell Type	Monocrystalline Silicon
Module DC Output (STC)	300 Watts
System DC Output (STC)	4.5 kW
South Facing kWh AC production per Year**	6,300
South West Facing kWh AC production per Year**	5,400
South East Facing kWh AC production per Year**	4,950
Inverter	SMA Technologies "Sunnyboy" or PowerOne "Aurora"
Web Based Performance Monitoring	Optional

\*\*Northern California, San Francisco Bay Area

