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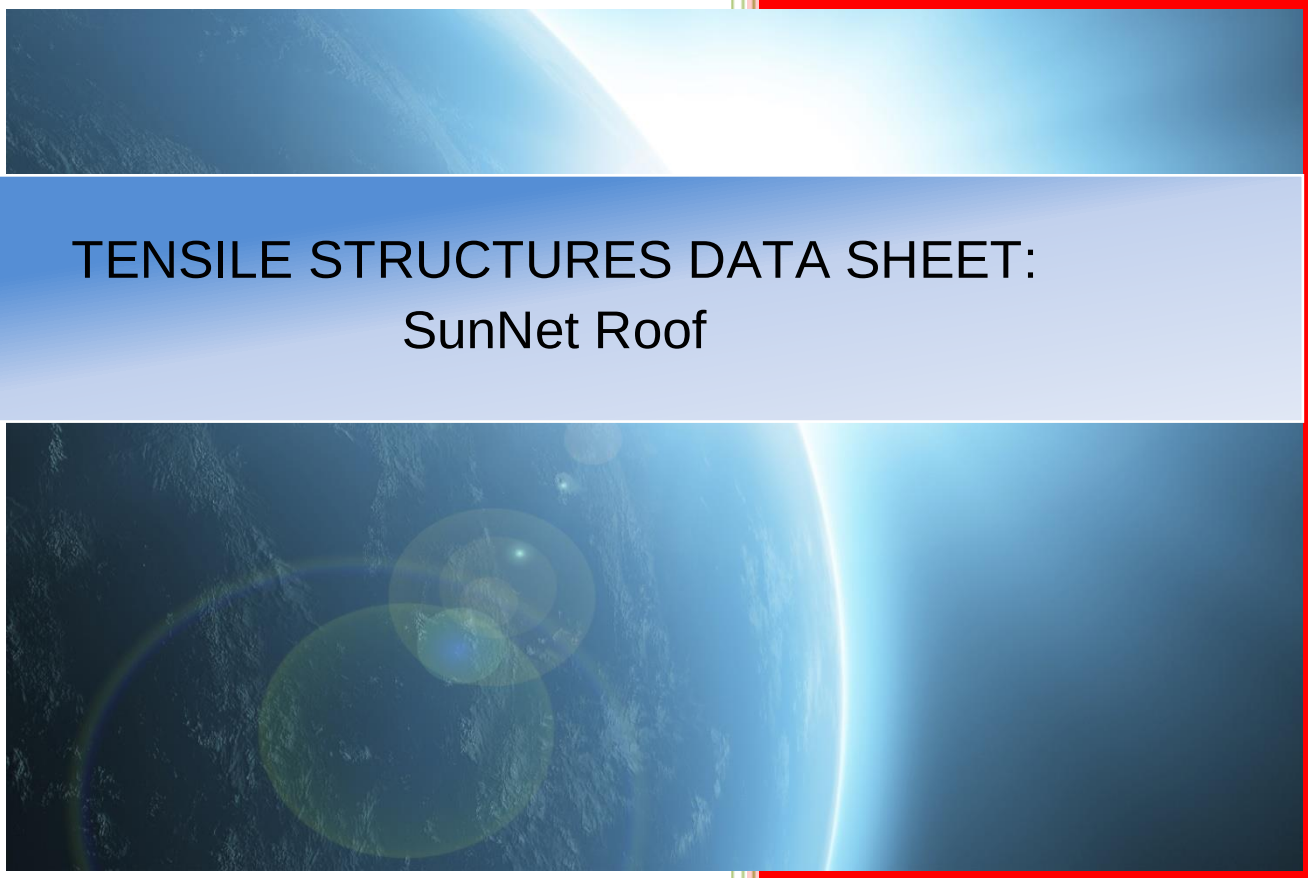

TENSILE STRUCTURES DATA SHEET:
SunNet Roof

A+ Sun Systems
Via San Giovanni Bosco 43
37047 San Bonifacio (Verona)
Italy
Phone: +39 045 7600 213
info@apsunsys.com
www.apsunsys.com

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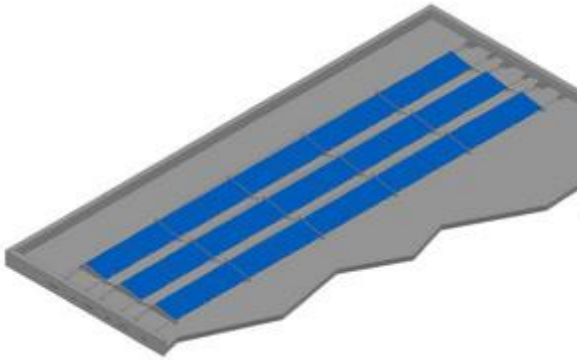
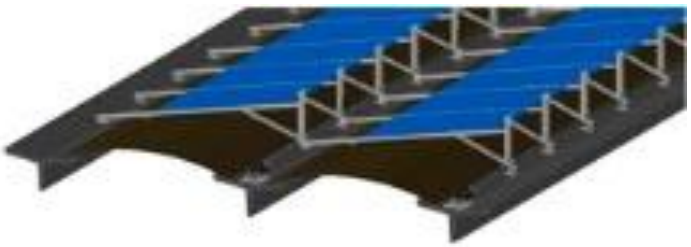
Mounting systems

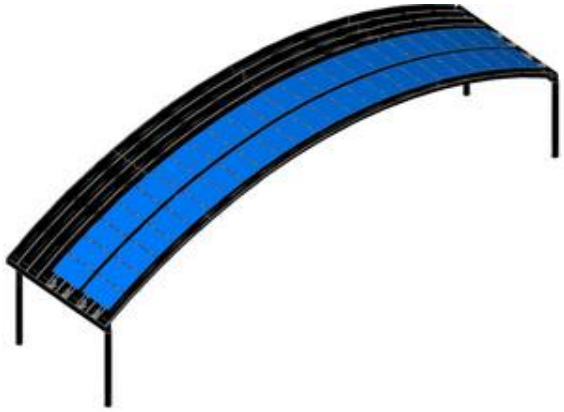
Products overview



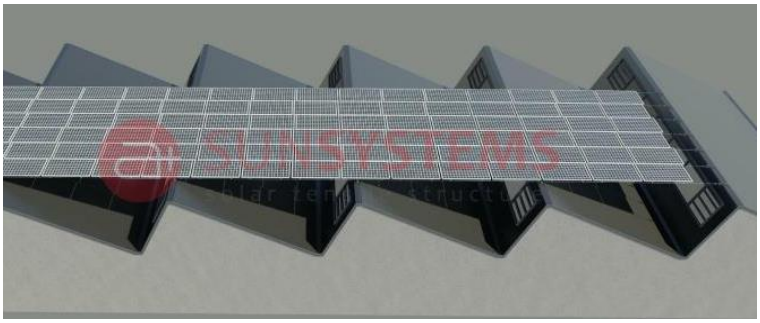
SunNet Roof – Flat roof



SunNet Roof – Cupola roof



SunNet Roof – Arched roof



SunNet Roof – Saw Tooth roof

A+ Sun Systems s.r.l.
Via San Giovanni Bosco, 43
37047 San Bonifacio (Verona)
Italy

Phone : +39 045 7600 213
E- mail :info@apsunsys.com
Web:www.apsunsys.com
VAT: IT03988660233

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SunNet Roof – **FLAT ROOF**

Manufacturer	***A+ Sun Systems***
System name	**SunNet Roof – Flat roof**
Type of mounting system	Application on flat roof
Market entry (year)	2011
Support applications	Installation manual Training
Type of roof	Cement roof, roof with bitumen membrane or other material, gravel or tiles. Tinplate roof, trapezoidal tinplate, undulating tinplate, Sandwich panels, fiber-cement.
Height adjustment	40-400 mm (1,5 - 15,7 inches)
Structure	Internally developed
Material	Hot dip galvanized steel and stainless steel Nuts and bolts in stainless steel
Weight (without modules)	1,3 kg/m² (0.25 lb/ft²)
Type of PV panel	Any with frame
Max PV panel size	Any
PV panel layout	Horizontal / Vertical Any tilt Orientation to South or East-West
PV panel fasteners and supports	Screw connection Clamps Steel cables replace traditional aluminum profiles
Ground connection	Yes
Usable up to snow load zone and / or snow load max.:	Any
Assembly time standard	0,06 h/m² of surface panel/person
Warranty	10 years
Note: On flat roof, PV tensile structure is characterized by:	• Distance between posts up to 37 m • NO ballast; • NO drilling of roof membrane; • Ultra-light • Allows installation on roofs with static load limits; • Safe in case of typhoons; • Safe in case of earthquake; • Ventilation of the panels 100%; • Panels can be positioned above snow level; • NO alteration of the drainage system; • Transport costs helved.

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SunNet Roof – **CUPOLA ROOF**

Manufacturer	***A+ Sun Systems***
System name	**SunNet Roof – Cupola Roof**
Type of mounting system	Application on cupola roof
Market entry (year)	2012
Support applications	Installation manual Training
Type of roof	Eternit / tinplate / undulating fiber-cement. Trapezoidal tinplate Sandwich panels Other types of roofing by tinplate
Height adjustment	40-400 mm (1,5 - 15,7 inches)
Structure	Internally develop
Material	Hot dip galvanized steel and stainless steel Nuts and bolts stainless steel
Weight (without modules)	1,7 kg/m²
Type of PV panel	Any with frame
Max PV panel size	Any
PV panel layout	Horizontal/Vertical Tangent to the cupola roof or any tilt Orientation to South or East-West
PV panel fasteners and supports	Screw connection Clamps Steel cables replace traditional aluminum profiles
Ground connection	Yes
Usable up to snow load zone and/or snow load max.:	Any
Assembly time standard	0,065 h/m² of surface panel/person
Warranty	10 years
Note On cupola roof, PV tensile structure is characterized by:	• anchorages only on roof perimeter; • NO ballast; • NO drills of beams; • NO cupolas removal and NO drills of cupolas; • allows installation on roofs with static load limits; • safe in case of typhoons; • safe in case of earthquake; • NO alteration of the drainage system; • panels can be positioned above snow level; • ventilation of the panels 100%; • zero costs to dismiss PV plant; • pre-assembled and customized systems; • transport costs helved.

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SunNet Roof – **ARCHED ROOF**

Manufacturer	***A+ Sun Systems***
System name	**SunNet Roof – Arched roof**
Type of mounting system	Application on arched roof
Market entry (year)	2012
Support applications	Installation manual Training
Type of roof	Cement roof, roof with bitumen sheath or other material. Eternit / tinplate / undulating fiber-cement. Trapezoidal tinplate Sandwich panels Other types of roofing by tinplate
Height adjustment	40-400 mm (1,5 - 15,7 inches)
Structure	Internally develop
Material	Hot dip galvanized steel and stainless steel Nuts and bolts stainless steel
Weight (without modules)	0,92 kg/m² (0.19 lb/ft²)
Type of PV panel	Any with frame
Max PV panel size	Any
PV panel layout	Horizontal / Vertical Tangent to the roof Orientation to South or East-West
PV panel fasteners and supports	Clamps Steel cables replace the traditional aluminum bars
Ground connection	Yes
Usable up to snow load zone and / or snow load max.:	Any
Assembly time standard	0,05 h/m² of surface panel/person
Warranty	10 years
Note On arched roof, PV tensile structure is characterized by:	• anchorages only on roof sides; • NO ballast; • NO cupolas removal and NO drills of cupolas; • allows installation on roofs with static load limits; • safe in case of typhoons; • safe in case of earthquake; • NO alteration of the drainage system; • panels can be positioned above snow level; • ventilation of the panels 100%; • zero costs to dismiss PV plant; • pre-assembled and customized systems; • transport costs helved.

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SunNet Roof – **SAW TOOTH ROOF**

Manufacturer	***A+ Sun Systems***
System name	**SunNet Roof – Saw Tooth roof**
Type of mounting system	Application on saw tooth roof
Market entry (year)	2014
Support applications	Installation manual Training
Type of roof	Cement roof, roof with bitumen membrane or other material. Metal sheet roof. Sandwich panels. Fiber-cement.
Height adjustment	40-400 mm (1,5 - 15,7 inches)
Structure	Internally develop
Material	Hot dip galvanized steel and stainless steel Nuts and bolts stainless steel
Weight (without modules)	1,5 kg/m²
Type of PV panel	Any with frame
Max PV panel size	Any
PV panel layout	Horizontal / Vertical Any tilt Orientation to South or East-West
PV panel fasteners and supports	Clamps Steel cables replace the traditional aluminum bars
Ground connection	Yes
Usable up to snow load zone and / or snow load max.:	Any
Assembly time standard	0,06 h/m² of surface panel/person
Warranty	10 years
Note On saw tooth roof, PV tensile structure is characterized by:	• NO ballast; • allows installation on roofs with static load limits; • safe in case of typhoons; • safe in case of earthquake; • ventilation of the panels 100%; • panels can be positioned above snow level; • NO alteration of the drainage system; • Anchors only on roof sides and tip top of tooth; • zero costs to dismiss PV plant; • pre-assembled and customized systems; • transport costs helved.

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