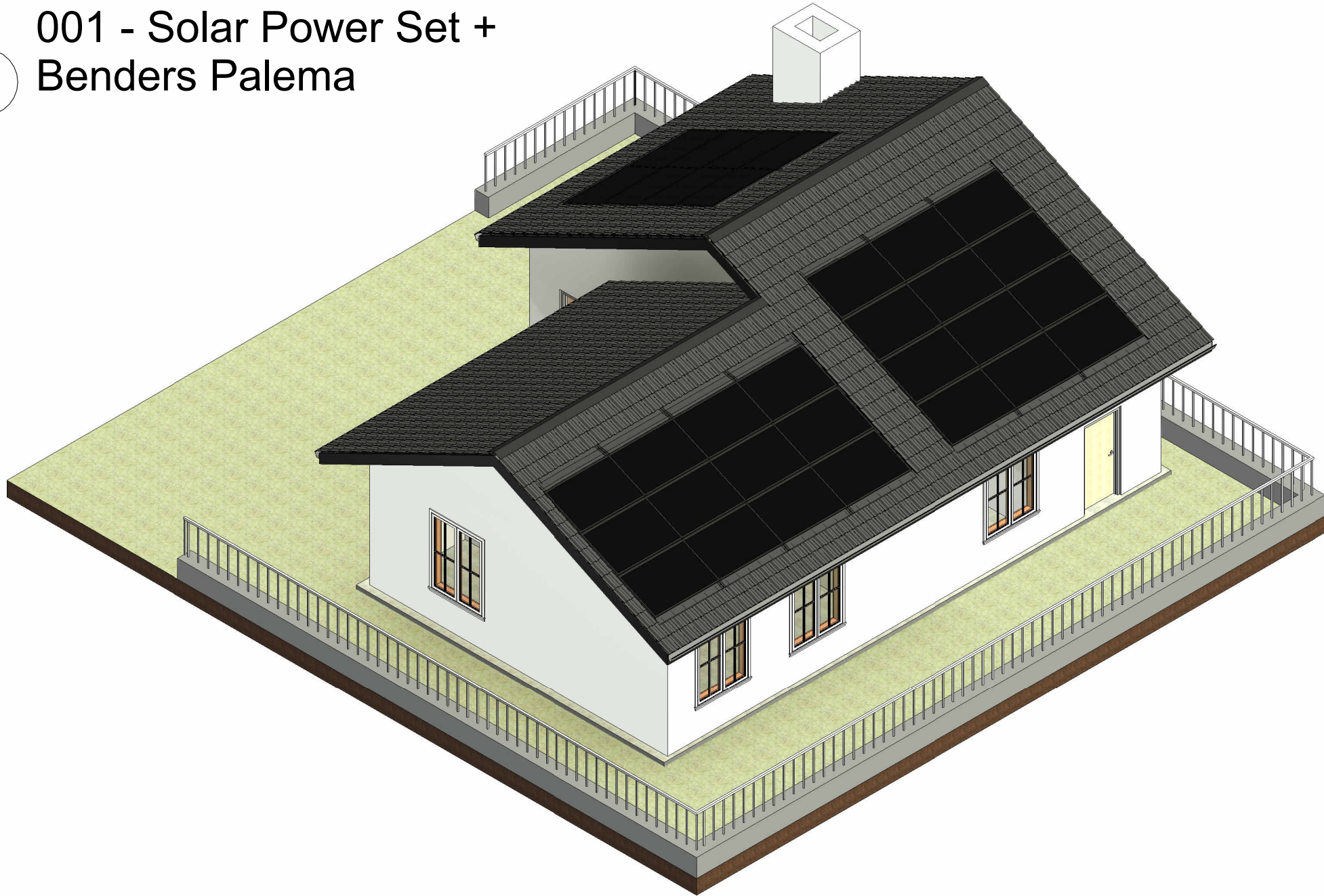


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001 - Solar Power Set +
Benders Palema



Overview:

Solar Full Roof™ Power Set is a pre-designed BIPV (Building Integrated Photovoltaic) roof system based on Solarstone’s integrated solar roofing solution. The system is developed as a ready-to-use module package, simplifying design, specification and installation for standard roof applications.

Each Power Set is delivered as a complete kit, including all required components for the defined layout. Components are pre-selected and labelled, ensuring a consistent and efficient installation process.

Power Set is designed for integration into pitched roofs with tile coverings (e.g. S-tiles and similar profiles) as well as compatible sheet metal roofing. Final compatibility should always be verified depending on the specific roof structure.

Available system configurations:

- Solar Power Set™ **(S) 5.16 kWp**
12 x Solar Full Roof™ BIPV modules | Columns x Rows: 4 x 3
- Solar Power Set™ **(M) 6.88 kWp**
12 x Solar Full Roof™ BIPV modules | Columns x Rows: 4 x 4
- Solar Power Set™ **(L) 8.60 kWp**
12 x Solar Full Roof™ BIPV modules | Columns x Rows: 5 x 4

Custom layouts are also possible based on the same system components. In such cases, the solution is treated as a project-specific configuration rather than a pre-defined kit.

For optimal efficiency and simplicity, the use of standard Power Set configurations (S/M/L) is recommended whenever possible.

SOLARSTONE™ COMPONENT LIST			
Component Code	Component Name	Unit	Quantity

Roof A			
C1	Flexible Flashing Tape	rolls	2
C2-1	Joint Flashing First Row	pcs	2
C2-2	Joint Flashing Regular Row	pcs	4
C2-3	Joint Flashing Last Row	pcs	2
C3	First Row Flashing	pcs	2
C4	First Row Clamp	units	8
C5	BIPV-module	modules	8
C6	Regular Row Clamps	units	18
C7	Bottom Joint Flashing	pcs	1
C8	Right Corner Flashing	pc	1
C9	Left Corner Flashing	pc	1
C10	Top Transition Flashing	pcs	2
C11	Top Joint Flashing	pcs	1

Roof B			
C1	Flexible Flashing Tape	rolls	2
C2-1	Joint Flashing First Row	pcs	2
C2-2	Joint Flashing Regular Row	pcs	2
C2-3	Joint Flashing Last Row	pcs	2
C3	First Row Flashing	pcs	4
C4	First Row Clamp	units	16

SOLARSTONE™ COMPONENT LIST			
Component Code	Component Name	Unit	Quantity

C5	BIPV-module	modules	12
C6	Regular Row Clamps	units	24
C7	Bottom Joint Flashing	pcs	3
C8	Right Corner Flashing	pc	1
C9	Left Corner Flashing	pc	1
C10	Top Transition Flashing	pcs	4
C11	Top Joint Flashing	pcs	3

Roof C			
C1	Flexible Flashing Tape	rolls	2
C2-1	Joint Flashing First Row	pcs	2
C2-2	Joint Flashing Regular Row	pcs	4
C2-3	Joint Flashing Last Row	pcs	2
C3	First Row Flashing	pcs	3
C4	First Row Clamp	units	12
C5	BIPV-module	modules	12
C6	Regular Row Clamps	units	27
C7	Bottom Joint Flashing	pcs	2
C8	Right Corner Flashing	pc	1
C9	Left Corner Flashing	pc	1
C10	Top Transition Flashing	pcs	3
C11	Top Joint Flashing	pcs	2

SOLARSTONE™ COMPONENT TOTALS			
Component Code	Component Name	Unit	Quantity

C1	Flexible Flashing Tape	rolls	6
C2-1	Joint Flashing First Row	pcs	6
C2-2	Joint Flashing Regular Row	pcs	10
C2-3	Joint Flashing Last Row	pcs	6
C3	First Row Flashing	pcs	9
C4	First Row Clamp	units	36
C5	BIPV-module	modules	32
C6	Regular Row Clamps	units	69
C7	Bottom Joint Flashing	pcs	6
C8	Right Corner Flashing	pc	3
C9	Left Corner Flashing	pc	3
C10	Top Transition Flashing	pcs	9
C11	Top Joint Flashing	pcs	6

Note:

For detailed installation guidelines and system requirements, refer to the Solar Power Set manual available on SOLARSTONE's website.

For project-specific compatibility and support, please contact SOLARSTONE technical support team at support@solarstone.com

SOLARSTONE™ POWER SET SUMMARY				
System ID	System Type	System Size	Total Power	Total Effective Area

Roof A	Power Set	Custom	3440 W	16 m²
Roof B	Power Set	S	5160 W	24 m²
Roof C	Power Set	Custom	5160 W	24 m²
Grand total			13760 W	64 m²