

Datasheet **PV Inverter Shelters**

PV Inverter Shelters

The shelters provide protection for all types of commercial inverters and are a perfect overall solution for your cable management in combination with our other products from ValkCableCare. The PV shelter is available in five different configurations: Single, Double, Wall, Mini and Slim (separate datasheet).

Description	L [mm]	W [mm]	H [mm]	Weight per piece [kg]	Max. support weight [kg]
PV Inverter Shelter Single	750	1500	1500	36	400
PV Inverter Shelter Double	1500	1500	1500	62	480
PV Inverter Shelter Wall	500	1500	1500	33	400
PV Inverter Shelter Mini	1200	800	1200	32	400

Technical specifications

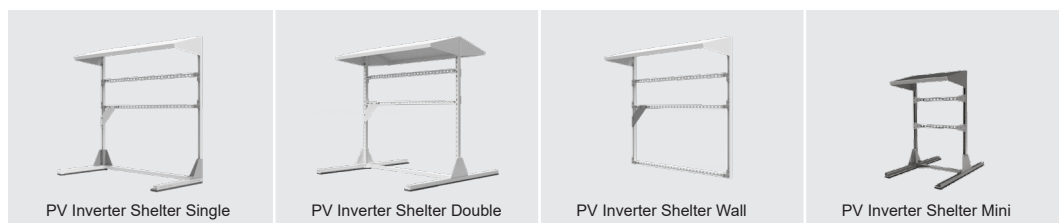
- Durable and solid: steel construction with a roof made of high-quality zinc magnesium.
- Minimal number of components: easy installation in less than 7 minutes.
- Precise ballast calculation PV Inverter Shelter Double & Mini: customized to the location, building height and roof zone for optimal ballast quantity.
- Mechanical fixation possible for a ballast free installation.
- Different versions available: free-standing or wall-mounted.
- Easy expansion: connectors, protective roof supports and multiple mounting brackets available.
- Increased fire safety: inverters can be placed outdoors for additional safety.
- Space-saving: compact packing method, up to 4 PV Inverter Shelters on a pallet.
- Compatibility: the shelters offer protection for all types of inverter cabinets and provide a total cable management solution in combination with ValkCableCare.
- Optimized inspection capabilities.

Applicability and supplies

PV Inverter Shelter Single

Single-sided PV Inverter Shelter to be mounted on the wall using wall anchors while also being supported on the ground. Because this shelter also makes contact with the ground, the weight on the wall is considerably lower. The method of fixing strongly depends on the type of wall to which the shelter will be fixed. Consult the building's structural engineer for attachment to the relevant wall.

Required articles		
Quantity	Art no.	Description
1	760627	Mounting material PV Inverter Shelter Single incl. feet
1	760619	Base PV Inverter Shelter Single
1	760623	H-frame PV Inverter Shelter Single
1	760626	Roof PV Inverter Shelter



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PV Inverter Shelter Double

The PV Inverter Shelter Double is a stand-alone shelter, which can be installed ballasted on the roof. In many cases, it is necessary to add counterweight supports. Consult Van der Valk Solar Systems for a correct and safe ballast calculation. The PV Inverter Shelter Double can also be mechanically anchored for a ballast free installation of the shelter. Contact Van der Valk Solar Systems for the appropriate products.

Required articles		
Quantity	Art no.	Description
1	760628	Mounting material PV Inverter Shelter Double incl. feet
1	760620	Base PV Inverter Shelter Double
1	760624	H-frame PV Inverter Shelter Double
2	760626	Roof PV Inverter Shelter

PV Inverter Shelter Wall

Single-sided PV Inverter Shelter, which should be wall-mounted using wall anchors. The method of fixing strongly depends on the type of wall to which the shelter will be fixed. Consult the building's structural engineer for attachment to the relevant wall.

Required articles		
Quantity	Art no.	Description
1	760629	Mounting material PV Inverter Shelter Wall
1	760625	H-frame PV Inverter Shelter Wall
1	760626	Roof PV Inverter Shelter

PV Inverter Shelter Mini

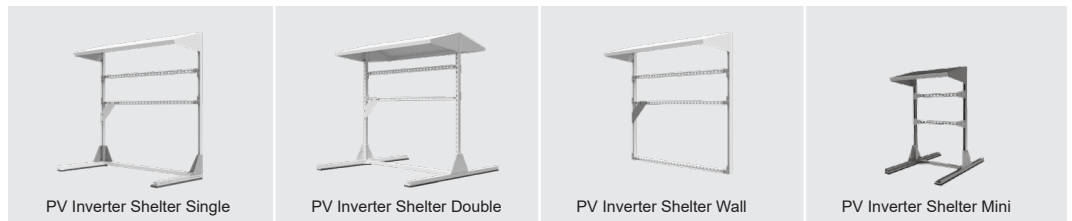
The PV Inverter Shelter Mini is a stand-alone shelter, which can be installed ballasted on the roof. In many cases, it is necessary to add counterweight supports. Consult Van der Valk Solar Systems for a correct and safe ballast calculation. The PV Inverter Shelter Mini can also be mechanically anchored for a ballast free installation of the shelter. Contact Van der Valk Solar Systems for the appropriate products.

Required articles		
Quantity	Art no.	Description
1	760635	Mounting material PV Inverter Shelter Mini
1	760621	Base PV Inverter Shelter Mini
1	760622	H-frame PV Inverter Shelter Mini
1	760634	Roof PV Inverter Shelter Mini

* Attention: Wall anchors are not included.

* Additional support mats are required when using ValkSolarFix in combination with the PV Inverter Shelter Double and Mini.

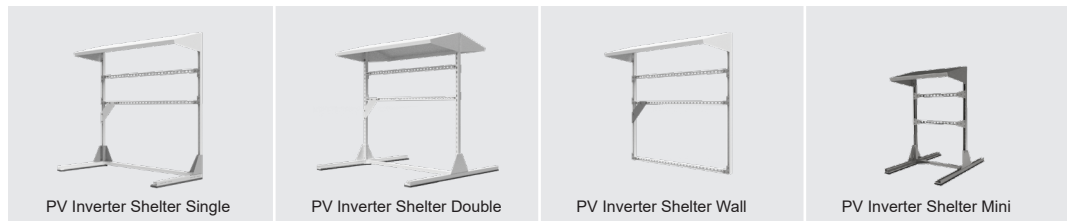
* Follow the inverter installation guidelines when selecting the appropriate shelter for the inverter.



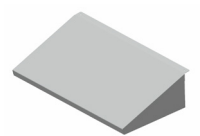
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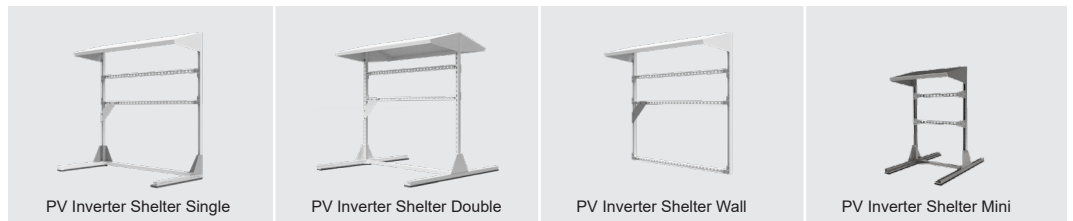
Article information

Base			
Material number	760619	760620	760621
Description	Base PV Inverter Shelter Single	Base PV Inverter Shelter Double	Base PV Inverter Shelter Mini
GTIN code	08719632528081	08719632528098	08719632529200
Image			
Weight [kg]	10,17	17,64	14,70
Dimensions [mm]	750 x 1500 x 50	1500 x 1500 x 50	1200 x 800 x 250
No. of pcs per packagine	1	1	1
Gross price EUR	€501,61	€530,90	€391,02
Gross price GBP	£451,45	£477,81	£351,92
H-frame			
Material number	760623	760624	
Description	H-frame PV Inverter Shelter Single	H-frame PV Inverter Shelter Double	
GTIN code	08719632528128	08719632528135	
Image			
Weight [kg]	12,37	14,33	
Dimensions [mm]	55 x 1581 x 1496	55 x 1581 x 1496	
No. of pcs per packagine	1	1	
Gross price EUR	€556,52	€570,82	
Gross price GBP	£500,87	£513,74	
H-frame			
Material number	760625	760622	
Description	H-frame PV Inverter Shelter Wall	H-frame PV Inverter Shelter Mini	
GTIN code	08719632528142	08719632529194	
Image			
Weight [kg]	16,48	10,30	
Dimensions [mm]	750 x 1500 x 50	1200 x 800 x 50	
No. of pcs per packagine	1	1	
Gross price EUR	€581,28	€474,81	
Gross price GBP	£523,15	£427,33	



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Roof		
Material number	760626	760634
Description	Roof PV Inverter Shelter	Roof PV Inverter Shelter Mini
GTIN code	08719632528159	08719632529187
Image		
Weight [kg]	11,60	6,61
Dimensions [mm]	450 x 1500 x 200	503 x 797 x 207
No. of pcs per packagine	1	1
Gross price EUR	€208,00	€97,76
Gross price GBP	£187,20	£87,99
Mounting material		
Material number	760627	760628
Description	Mounting material PV Inverter Shelter Single incl. feet	Mounting material PV Inverter Shelter Double incl. feet
GTIN code	08719632528166	08719632528173
Weight [kg]	4	4
Packaging contents	1x Mounting material PV Inverter Shelter Single 2x Feet PV Inverter Shelter Single 4x Channel nuts for mounting inverter	1x Mounting material PV Inverter Shelter Double 2x Feet PV Inverter Shelter Double 4x Channel nuts for mounting inverter
Gross price EUR	€363,87	€372,28
Gross price GBP	£327,48	£335,05
Mounting material		
Material number	760629	760635
Description	Mounting material PV Inverter Shelter Wall	Mounting material PV Inverter Shelter Mini
GTIN code	08719632528180	08719632529170
Weight [kg]	4	4
Packaging contents	1x Mounting material PV Inverter Shelter Wall 4x Channel nuts for mounting inverter	1x Mounting material PV Inverter Shelter Mini 2x Feet PV Inverter Shelter Mini 4x Channel nuts for mounting inverter
Gross price EUR	€65,72	€181,41
Gross price GBP	£59,15	£163,27

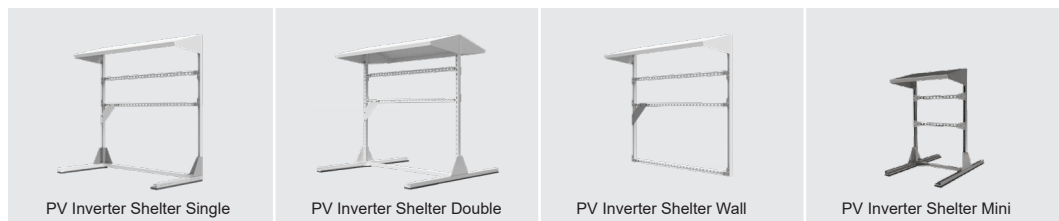


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Service products

Optionally, there are various service products available to expand the PV Inverter Shelter according to preference.

Material number	760609	760610	760611	
Description	Roof protection Inverter Shelter Single	Roof protection Inverter Shelter Double	Counterweight support Inverter Shelter	
GTIN code	08719632527886	08719632527893	08719632527909	
Image				
No. of pcs per pkg.	2	2	2	
Gross price EUR	€58,50 per pc	€58,50 per pc	€61,75 per pc	
Gross price GBP	£52,65 per pc	£52,65 per pc	£55,58 per pc	
Material number	760616	760612	760613	
Description	Counterweight support PV Inverter Shelter Mini	Pitched roof adjustment piece PV Inverter Shelter	Mounting set for cable baskets PV Inverter Shelter	
GTIN code	08719632529217	08719632527916	08719632527923	
Image				
No. of pcs per pkg.	2	2	2	
Gross price EUR	€32,65 per pc	€118,00 per pc	€11,20 per pc	
Gross price GBP	£29,39 per pc	£106,20 per pc	£10,08 per pc	
Material number	760614	760631	760632	760615
Description	Connecting plates PV Inverter Shelter	Extra profile PV Inverter Shelter Single/Wall	Extra profile PV Inverter Shelter Double	Earthing rail
GTIN code	08719632527930	08719632528470	08719632528487	08719632528265
Image				
No. of pcs per pkg.	2	1	1	1
Gross price EUR	€6,50 per pc	€150,00 per pc	€155,00 per pc	€81,65 per pc
Gross price GBP	£5,85 per pc	£135,00 per pc	£139,50 per pc	£73,50 per pc



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Service products

Roof protection PV Inverter Shelter Single

Protective mat (PP) for preventing softeners from escaping from the PVC roof covering.

Roof protection PV Inverter Shelter Double

Protective mat (PP) for preventing softeners from escaping from the PVC roof covering.

Counterweight support PV Inverter Shelter

Support for ballast tiles.

Max. support weight [Kg]	
Double	100 Kg
Mini	130 Kg

Pitched roof adjustment piece PV Inverter Shelter

To tilt the PV Inverter Shelter on a (slightly) pitched roof, up to 5° in relation to the feet.

Mounting set for wire baskets PV Inverter Shelter

For fastening our cable basket to the PV Inverter Shelter.

Connecting plates PV Inverter Shelter

For connecting several PV Inverter Shelters to each other.

Extra profile PV Inverter Shelter Single/Wall and Double

A single profile for mounting multiple (smaller) inverters at different elevations. To be fixed with two connecting plates (sold separately).

Max. support weight [Kg]	
Single/Wall	200 Kg
Double	240 Kg

Earthing rail

Provide shelters with a central potential equalization rail for a clear and safe potential equalization of all conductive parts. Fitted with 8 earthing points.