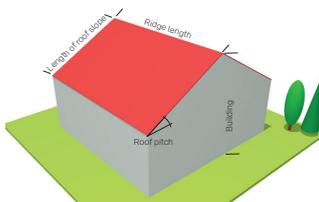


## Data collection sheet for roof parallel PV systems

Please complete the entire data collection Sheet. Send us all the plans, sketches and pictures. All information relevant for planning (Maintenance Aisles, Lightning Protection, Shade Sources etc.) have to be given in a roof sketch.

Customer Data and Project Name	
Company:	
Contact Details:	
Project name and adress:	

Environment (Alternative: Determination with Address of plant site)					
Terrain Category	I Sea, coastal area <input type="checkbox"/>	II Rural <input type="checkbox"/>	II-III Residential area (mixed area) <input type="checkbox"/>	III Residential area / forest <input type="checkbox"/>	IV City <input type="checkbox"/>
Altitude (m above sea level):		Additional terrain information	Inland <input type="checkbox"/>	Coast <input type="checkbox"/>	Island <input type="checkbox"/>
Wind load zone	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>		Snow load zone	1 <input type="checkbox"/> 1a <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 3a <input type="checkbox"/>	
Direct load specification (kN/m <sup>2</sup> )		Wind load:		Snow load:	

Roof details			Pitched roof <input type="checkbox"/>
Length of roof slope (in m):			Single pitched roof <input type="checkbox"/>
Ridge length (in m):			Hipped roof <input type="checkbox"/>
Roof pitch (in °):			Building orientation towards north <input type="checkbox"/>
Building height (in m):			

Roofing			
<b>Tile roof</b>		<b>Trapezoidal-/Corrugated/Metal tile roof</b>	
Tile type:		Mounting	Direct <input type="checkbox"/> Stock screw <input type="checkbox"/>
Height roofbatten (cm):		Material	Steel <input type="checkbox"/> Aluminum <input type="checkbox"/>
Height counterbatten (cm):		Rib spacing (mm):	
Width counterbatten (cm):		Sheet thickness (mm):	
Height insulation (in cm):		Rib height (mm):	
Tile length (in cm):		Tensile strength (N/mm <sup>2</sup> ):	
Roofbatten gauge (cm):		Rib crest width (mm):	
Other:		Other:	
<b>Bitumen roof</b>			
Material	OSB grade OSB3 <input type="checkbox"/>		
	Wood grade C24 <input type="checkbox"/>		
formwork thickness (mm):			

# Data collection sheet for roof parallel PV systems

Roofing		 			
Corrugated / Sandwich roof		Seamed metal roof			
Material <sup>1</sup>	Steel <input type="checkbox"/>	Aluminum <input type="checkbox"/>	Material	Steel <input type="checkbox"/>	
Rib spacing (mm):			Aluminum	<input type="checkbox"/>	
Sheet thickness (mm) <sup>1</sup> :			Cooper	<input type="checkbox"/>	
Profile height (mm):					
Tensile strength (N/mm <sup>2</sup> ) <sup>1</sup> :			Seam type	Round seam <input type="checkbox"/>	Standing seam <input type="checkbox"/>
Rib crest width (mm) <sup>1</sup> :			Seaming space (mm):		
Other:			Other:		

<sup>1</sup> not necessary for corrugated metal

Roof construction							
Timber rafter				Wood- / steel purlin			
Rafter spacing (cm):		Number of Rafters:		Purlin spacing (cm):		Number of purlin:	
Rafter width / height (cm):				Purlin width / height (cm) <sup>2</sup> :			
Gap first and last rafter (cm):				Type <sup>3</sup> :		Material thickness (mm) <sup>4</sup> :	

<sup>2</sup> only necessary for timber rafter; <sup>3</sup> Steel purlin Type: Z-, I-, C-Profile or box purlin; <sup>4</sup> only necessary for steel purlin

Module					
Module type:		Wp:	Item No.		Data sheet attached: <input type="checkbox"/>
Module length (mm):		Modul width (mm):		Frame height (mm):	
Frame color	black <input type="checkbox"/>	blank <input type="checkbox"/>			

Mounting system					
Mounting type	top-fix <input type="checkbox"/>	side-fix <input type="checkbox"/>	Module attachment	Clamping system <input type="checkbox"/>	Insertion system <input type="checkbox"/>
Module orientation	landscape <input type="checkbox"/>	portrait <input type="checkbox"/>	Rail connection	single layer <input type="checkbox"/>	cross rail connection <input type="checkbox"/>
System size	max. possible <input type="checkbox"/>	Number of modules:		Rows:	Columns:

Notice / Sketch: