



## System Datasheet

### CS+

#### General

System	Freestanding ballasted PV mounting system
Scope of delivery	CS+ tub, mounting profiles and fixing material
System warranty	10 years
Application area	Flat roofs, landfills, open spaces, green areas (excluding hydrogen sulphide exposure)
Dimensions	Width: 1.730mm, depth: 1.100 mm, height: 390mm
Roof slope	max. 5° without additional measures
Ambient temperature range	-30°C to +50°C

#### System properties

System orientation	East-West, South
Material	HDPE, aluminium and stainless steel
Module tilt	15°
System weight approx.	≈ 7,9 kg
Friction coefficient	$\mu = 0,5$ is to be determined and ensured upon installation surface.
Minimum edge distance	1,5 m

#### Modules

Type	Framed PV modules with mounting hole
Module length	1550 mm - 2150 mm
Module guidance	Horizontal/landscape format
Distance mounting holes	long side: 690 - 1,180 mm, short side: 895 - 1,014

#### Certifications

TÜV	ID1111212485 according to 2PFG
Wind loads	Determined in wind tunnel tests by Ruscheweyh Consult GmbH
Fire resistance	MPA Dresden
UV resistance	KIMW Kunststoff Institut Lüdenscheid

#### Services

PV layout	Provided by Renusol
Ballast plan	Provided by Renusol

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