



Freestanding mounting system for the installation of photovoltaic panels

System: **W-V2G2-25°**

ST



System description:

Complete support system for fixing two rows of panels in a vertical arrangement

Technical description:

Materials of the support system:

MC- Coated structural steel:

Magnelis®, MagiZinc®, PosMAC

A- Aluminium

E- Stainless steel

F- Steel in zinc flake coating

System tested for strength.

Arrangement of the modules:

• vertical - V



Ground conditions:

• soil with good/high load capacity

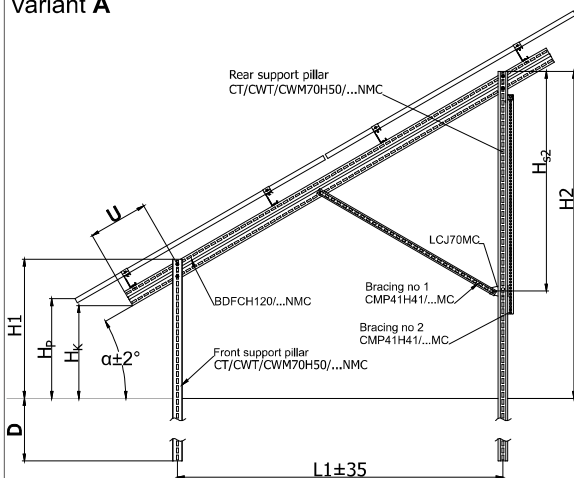
System assembly variants:

- W-H2G2 system - rammed into the ground (anchorage depth depends on ground conditions)
- W-H2K2 system - support posts anchored to the concrete foundation
- W-H2B2 system - support posts poured with concrete min. B20 in the holes made in the ground (size of the holes depends on the ground conditions)
- W-H2S2 system - on request, a screw screwed into the ground for fixing of the support posts
- W-H2...2-WZ system - east-west option

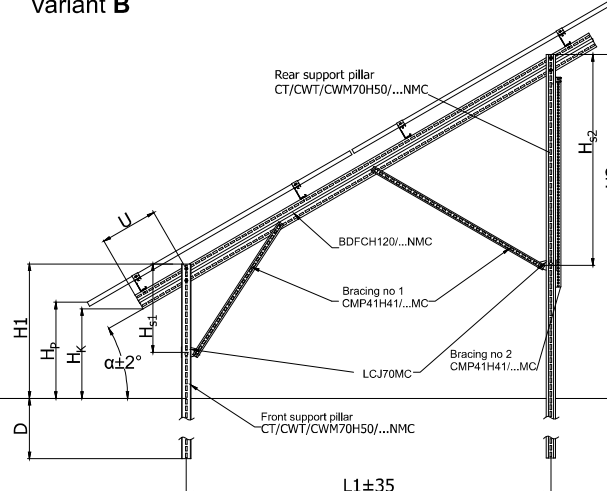
Warranty:

BAKS provides a 10 year Warranty: period for the components included in the support system - only if all conditions of the manufacturer's Warranty: are met. The Warranty: can be extended.

Variant A



Variant B



Information:

Detailed dimensions of the components included in the system can be found in the table on the next page.

Attention:

Please refer to the complete installation instructions, which can be found at www.baks.com.pl or under the QR code.





DIMENSIONS OF SYSTEM - FREE-STANDING SYSTEM

System: **W-V2G2-25°**

Lengths of system elements depending on panel size

System angle „α”	Front support pillar	Rear support pillar	Rafter	Bracing No. 1
PANEL LENGTHS FROM 1600 TO 1700 mm SYSTEM VARIANT A				
25°	CT70H50/3NMC	CT70H50/4NMC	BDFCH100/2,75NMC	CMP41H41/1MC
30°	CT70H50/3NMC	CT70H50/4NMC	BDFCH100/2,75NMC	CMP41H41/1MC
PANEL LENGTHS FROM 1700 TO 1800 mm SYSTEM VARIANT A				
25°	CT70H50/3NMC	CT70H50/4NMC	BDFCH100/3,2NMC	CMP41H41/1MC
30°	CT70H50/3NMC	CT70H50/4NMC	BDFCH100/3,2NMC	CMP41H41/1MC
PANEL LENGTHS FROM 1800 TO 2100 mm SYSTEM VARIANT A				
25°	CT70H50/3NMC	CWT70H50/4,4NMC	BDFCH120/3,6NMC	CMP41H41/1,5MC
30°	CT70H50/3NMC	CWT70H50/4,4NMC	BDFCH120/3,6NMC	CMP41H41/1,5MC
PANEL LENGTHS FROM 2100 TO 2300 mm SYSTEM VARIANT B				
25°	CT70H50/3NMC	CWT70H50/4,4NMC	BDFCH120/4,4NMC	CMP41H41/1,2MC + CMP41H41/1,5MC
30°	CT70H50/3NMC	CWT70H50/4,4NMC	BDFCH120/4,4NMC	CMP41H41/1,2MC + CMP41H41/1,5MC

Dimensions of the system depending on the angle of inclination of the system and the size of the panels

System angle „α”	Distance „L1”	Height						Distance „U”
		„H1”	„H2”	„Hk”	„Hp”	„Hs1”	„Hs2”	
PANEL LENGTHS FROM 1600 TO 1700 mm SYSTEM VARIANT A								
25°	2080	1020	1990	800	870		1030	300
30°	1680	1020	1990	700	730		1040	480
PANEL LENGTHS FROM 1700 TO 1800 mm SYSTEM VARIANT A								
25°	2080	1020	1990	720	790		1030	500
30°	1680	1020	1990	650	730		1040	580
PANEL LENGTHS FROM 1800 TO 2100 mm SYSTEM VARIANT A								
25°	2400	970	2100	660	730		1530	430
30°	2400	1020	2400	680	730		1600	440
PANEL LENGTHS FROM 2100 TO 2300 mm SYSTEM VARIANT B								
25°	2630	1020	2240	650	720	650	1530	580
30°	2770	1020	2610	680	730	670	1600	440