

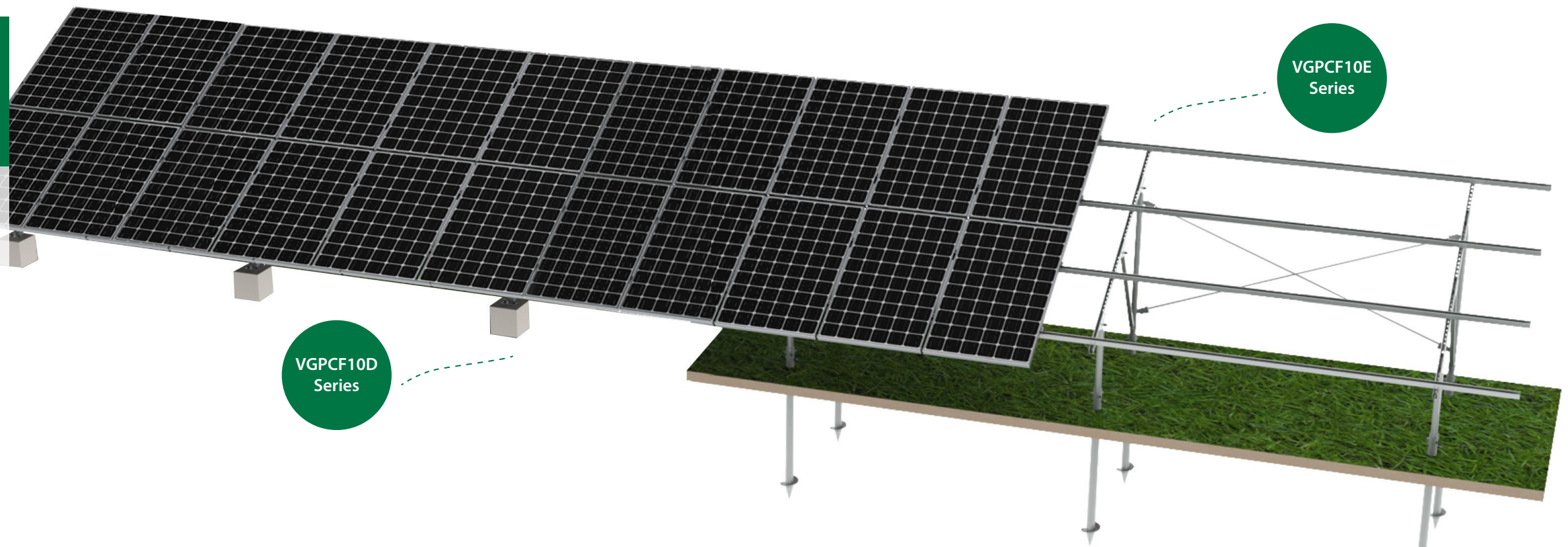
PV Mounting System Ground Solutions

- Double Pile System: VGPC10D/E
Pile-Driven
Concrete Base
- Double Pile System: Plug-in Rail
- Single Pile System:
H-Shape Post
 Σ -Shape Post
C-Shape Post



Double Pile System: VGPCF10-D/E

VGPCF10D/E systems are the most advanced ground mount fixed tilt systems. They are designed under the concept of "being easy & compatible". Its reliability and cost-effectiveness have been proven in worldwide acclaimed projects.



The Most Proven Ground Mount Fixed Tilt System

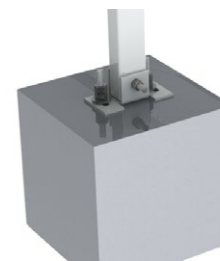
Product Features

- Optimized project-specific planning
- High compatibility & adjustability
- Support both screw pile & concrete base
- Compatible with different module array arrangements (2 rows in portrait, 3/4 rows in landscape, or customized)
- Flexible to adjust according to customer's needs
- Cost-effective materials
- Free welding - all components connected with fasteners
- Quick & easy installation
- Long service life

Note: VGPCF10E's piles could use Versol's steel post series

15
YEARS
GUARANTEE
for produced system

30
YEARS
GUARANTEE
for designed system



VGPCF10D series connection of front stand pile basement



VGPCF10D series connection of back stand pile basement



VGPCF10D series fastening connection of pile, supporting top and diagonal beam

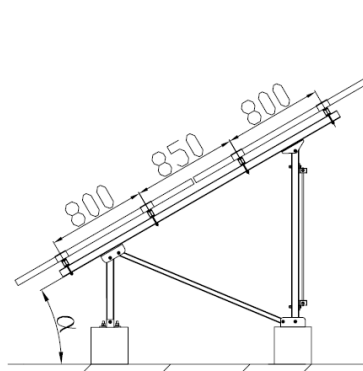


VGPCF10E series sloped supporting & screw pile, hoop connection



VGPCF10E series pile and sloped supporting frame top connected with diagonal beam bottom by hinger and fastener



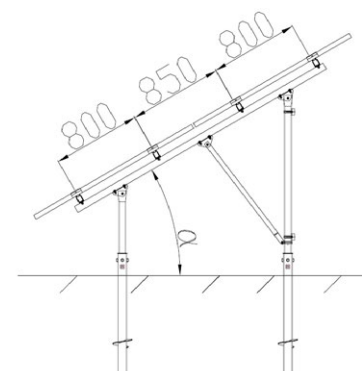


Technical Data

System	VGPCF10D-I
Basement	Concrete base
Span	3m
Stand pile	Steel, hot-dip galvanized
Diagonal beam	C-shape steel, hot-dip galvanized
Cross	C-shape steel, hot-dip galvanized
Max.wind sped to withstand	0.75 kN/m ²
Max.snow pressure to withstand	0.45kN/m ²
Module arrangement standard	2 rows in portrait

Note: The technical data will be changed if the specification of components changes

VGPCF10D- I

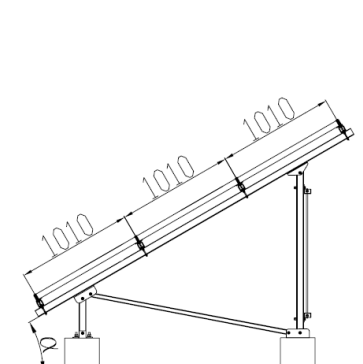


Technical Data

System	VGPCF10D-I
Basement	Concrete base
Span	3m
Stand pile	Steel, hot-dip galvanized
Diagonal beam	C-shape steel, hot-dip galvanized
Cross	C-shape steel, hot-dip galvanized
Max.wind sped to withstand	0.75 kN/m ²
Max.snow pressure to withstand	0.45kN/m ²
Module arrangement standard	2 rows in portrait

Note: The technical data will be changed if the specification of components changes

VGPCF10E- I

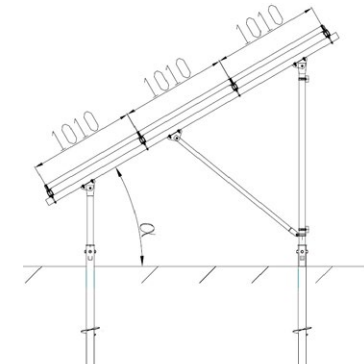


Technical Data

System	VGPCF10D-II
Basement	Concrete base
Span	3m
Stand pile	Steel, hot-dip galvanized
Diagonal beam	C-shape steel, hot-dip galvanized
Cross	C-shape steel, hot-dip galvanized
Max.wind sped to withstand	0.75 kN/m ²
Max.snow pressure to withstand	0.45kN/m ²
Module arrangement standard	3 rows in landscape

Note: The technical data will be changed if the specification of components change

VGPCF10D- II

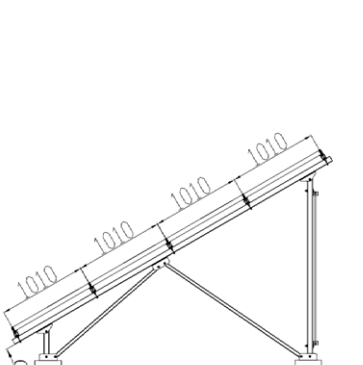


Technical Data

System	VGPCF10D-II
Basement	Screw pile
Span	3m
Stand pile	Steel, hot-dip galvanized
Diagonal beam	C-shape steel, hot-dip galvanized
Cross	C-shape steel, hot-dip galvanized
Max.wind sped to withstand	0.75 kN/m ²
Max.snow pressure to withstand	0.45kN/m ²
Module arrangement standard	3 rows in lanscape

Note: The technical data will be changed if the specification of components change

VGPCF10E- II

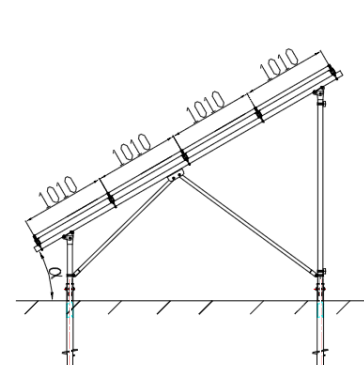


Technical Data

System	VGPCF10D-III
Basement	Concrete base
Span	3m
Stand pile	Steel, hot-dip galvanized
Diagonal beam	C-shape steel, hot-dip galvanized
Cross	C-shape steel, hot-dip galvanized
Max.wind sped to withstand	0.75 kN/m ²
Max.snow pressure to withstand	0.45kN/m ²
Module arrangement standard	4 rows in lanscape

Note: The technical data will be changed if the specification of components change

VGPCF10D- III



Technical Data

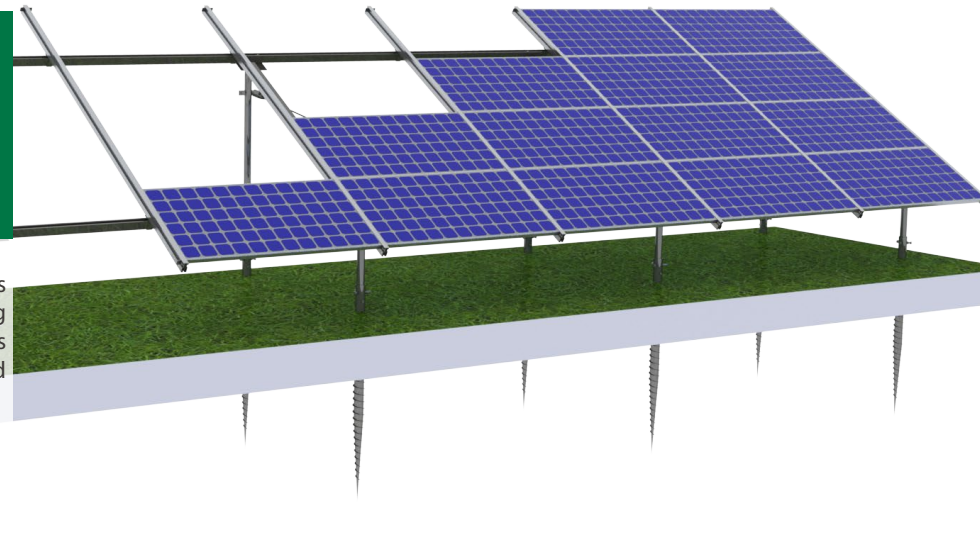
System	VGPCF10D-III
Basement	Screw pile
Span	3m
Stand pile	Steel, hot-dip galvanized
Diagonal beam	C-shape steel, hot-dip galvanized
Cross	C-shape steel, hot-dip galvanized
Max.wind sped to withstand	0.75 kN/m ²
Max.snow pressure to withstand	0.45kN/m ²
Module arrangement standard	4 rows in lanscape

Note: The technical data will be changed if the specification of components change

VGPCF10E- III

Double Pile System: VGPCE11-A Plug-in Rail

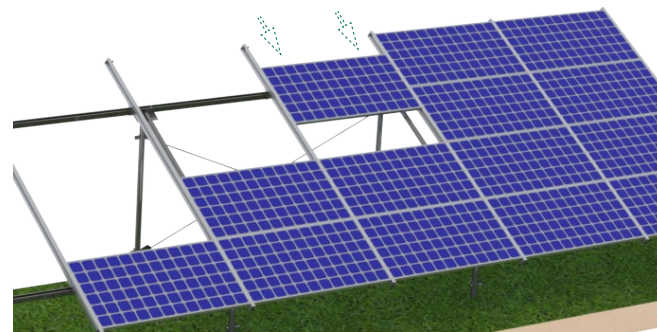
The system utilizes the characteristics of steel & aluminum, optimizing structure design, therefore achieves easy installation and enhanced panel protection.



Product Features

- Adaptable to most PV plant layout designs & geological conditions
- Easy installation
- High cost-performance
- Panel protective
- Suitable for both screw pile and concrete base

Plug in the module straight in
between the rails



15
YEARS
GUARANTEE
for produced system

30
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for designed system

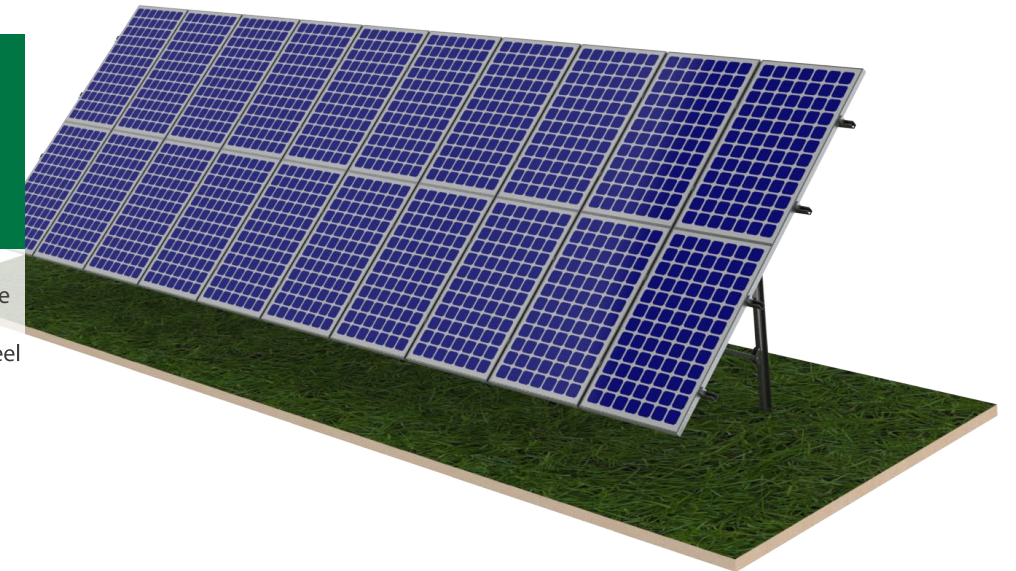
Technical Data

System type	Ground, screw pile, concrete base
Span	2.2-3m
Spand	Steel, hot-dip galvanized
Frame	C-shape steel, hot-dip galvanized
Panel beam	C-shape steel, hot-dip galvanized
Max.wind sped to withstand	0.75 kN/m2
Max.snow pressure to withstand	0.45kN/m2
Module arrangement standard	Customized

Note: Specific structure size can be redesigned according to module size

Single Pile System VGPBE2

Sunpal Power single pile systems are robust and simple. It optimizes the traditional design with different steel posts applications, realizing high cost-performance.



Product Features

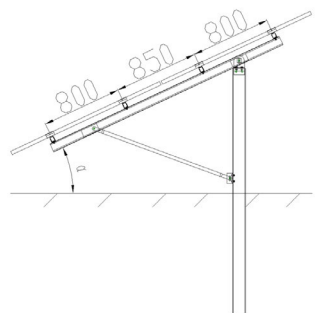
- Cost competitive: all components are in standard sizes & mass produced
- Free welding: all components connected with fasteners
- Easy installation: simplified structure, could be pre-assembled
- Hot-dip galvanized: high corrosion resistant
- Adaptable for all kinds of soil condition
- Recyclable & zero pollution
- Long service life

15
YEARS
GUARANTEE
for produced system

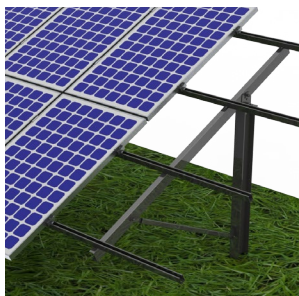
30
YEARS
GUARANTEE
for designed system

Technical Data

System type	Single pile system (H / Σ / C-shape post)
Inclination	10°~35°
Module arrangement standard	Portrait / landscape
Max.wind sped to withstand	0.75 kN/m2
Max.snow pressure to withstand	0.45 kN/m2
Temperature bearing	-20°C~+60°C

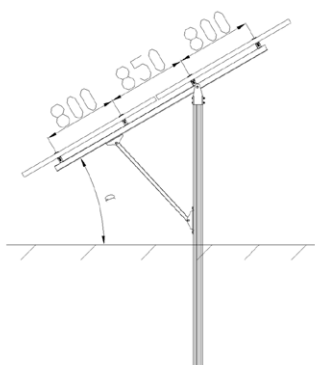


H-Shape Post



Technical Data

System type	H shape post system
Inclination	10°~35°
Module arrangement standard	Portrait / landscape
Max.wind speed to withstand	0.75 kN/m ²
Max.snow pressure to withstand	0.45 kN/m ²
Temperature Bearing	-20°C~+60°C

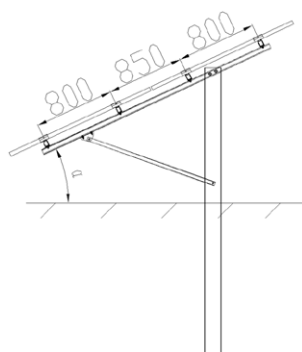


Σ-Shape Post

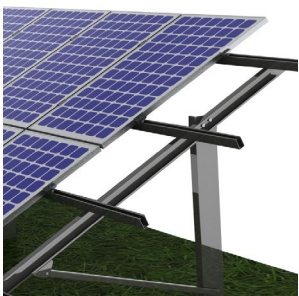


Technical Data

System type	Σ shape post system
Inclination	10°~35°
Module arrangement standard	Portrait / landscape
Max.wind speed to withstand	0.75 kN/m ²
Max.snow pressure to withstand	0.45 kN/m ²
Temperature Bearing	-20°C~+60°C



C-Shape Post



Technical Data

System type	C shape post system
Inclination	10°~35°
Module arrangement standard	Portrait / landscape
Max.wind speed to withstand	0.75 kN/m ²
Max.snow pressure to withstand	0.45 kN/m ²
Temperature Bearing	-20°C~+60°C



Phone: +86 551 6586 5992
WhatsApp: +86 183 0554 5727
Email: info@sunpalpower.com

SUNPAL POWER CO.,LTD.
West Changjiang Road,Shushan District,
Hefei City,Anhui Province,China.

www.sunpalpower.com