



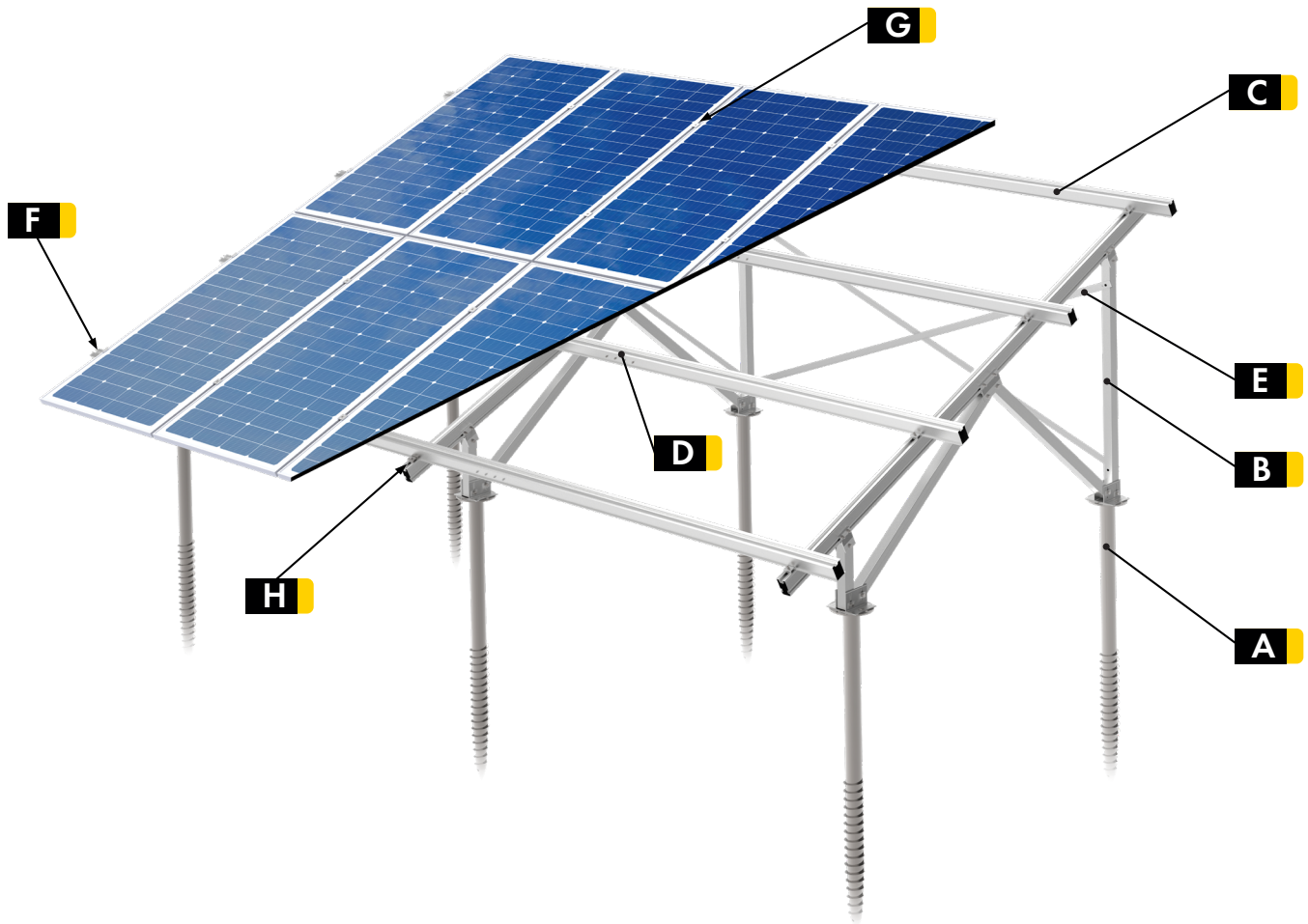
# STOPDIGGING!®

**SOLAR RACKING SYSTEMS**  
BASED ON GROUNDSCREW FOUNDATIONS



**SGSR-R2V SOLAR RACK SYSTEM**





## SGRS-R2V SOLAR RACK SYSTEM

Specially designed for use in combination with Stopdigging® Groundscrews.

- Fast and mess-free foundation work
- High quality anodized aluminium components
- Variable load capacity for every situation
- Fast and easy installation thanks to partly pre-assembled parts and efficient packing
- Rack subassembly in different dimensions to accommodate all panel sizes
- 26° fixed angle

### A SGC SR 76 Groundscrew

**Art No:** 4802/4803/4804/4805/4806  
**Material:** Steel S235JR  
**Surface:** Hot dip galvanized  
**Weight:** 8,0 -16,5 kg  
**Length:** 1200-2800 mm

Various lengths depending on load condition



### B SGRS-R2V Rack subassembly

**Art No:** 981031/981032 /981033  
**Material:** AL6005-T5 Aluminium Alloy  
**Surface:** Anodized  
**Weight:** 13,5/15,0/16,5 kg

Partly pre-assembled  
 19 mm Hex M12 bolts, A2-70 Stainless steel  
 Adjustable base plates  
 See details on page 5



# COMPONENT OVERVIEW RACKS

## C **SGSR-HR4400** Horizontal Rail

**Art No:** 981023  
**Material:** AL6005-T5 Aluminium Alloy  
**Surface:** Anodized  
**Length:** 4400 mm  
**Weight:** 6550 g

Extendable with HRX300



## F **SGSR-EC30-40P** End Clamp

**Art No:** 981001  
**Material:** AL6005-T5 Aluminium Alloy  
**Surface:** Anodized  
**Weight:** 58 g

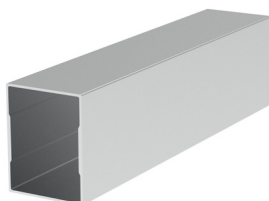
6 mm Hex Cap Socket M8 screw, A2-70 Stainless steel  
For panel thickness from 30 to 40 mm



## D **SGSR-HRX300** Horizontal Rail Extender

**Art No:** 981021  
**Material:** AL6005-T5 Aluminium Alloy  
**Surface:** Anodized  
**Length:** 300 mm  
**Weight:** 325 g

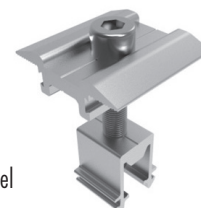
8x ST6,3x25 Self-tapping screw included



## G **SGSR-EC30-40P** Mid Clamp

**Art No:** 981002  
**Material:** AL6005-T5 Aluminium Alloy  
**Surface:** Anodized  
**Weight:** 63 g

6 mm Hex Cap Socket M8 screw, A2-70 Stainless steel  
For panel thickness from 30 to 40 mm



## E **SGSR-DS** Diagonal Support

**Art No:** 9810-41/ 42/ 43  
**Material:** AL6005-T5 Aluminium Alloy  
**Surface:** Anodized  
**Length:** 2620/2760/3180 mm  
**Weight:** TBA g

Various lengths depending on rack spacing  
Easy to shorten if needed.

Includes 2x 19 mm M12 bolts,  
A2-70 Stainless steel



## H **SGSR-RC00** Rail Clamp

**Art No:** 981022  
**Material:** AL6005-T5 Aluminium Alloy  
**Surface:** Anodized  
**Weight:** 53 g

6 mm Hex Cap Socket M8 screw, A2-70 Stainless steel



## COMPONENT OVERVIEW RACKS (OPTIONAL)

### G **SGSR-EP22** Earthing Plate

**Art No:** 985001  
**Material:** Stainless steel 304 (A2)  
**Surface:** Stainless steel 304 (A2)  
**Weight:** 6 g



### I **SGSR-EL22** Earthing Lug

**Art No:** 985002  
**Material:** AL6005-T5 Aluminium Alloy  
**Surface:** Anodized  
**Weight:** 54 g



6 mm Hex Cap Socket M8 screw, A2-70 Stainless steel

### D **SGSR-HREP** Horizontal Rail End Plug

**Art No:** 985003  
**Material:** Plastic  
**Surface:** Plastic  
**Weight:** 20 g



### G **SGSR-R2VEP** Rack 2V End Plug

**Art No:** 985004  
**Material:** Plastic  
**Surface:** Plastic  
**Weight:** 17 g



# TECHNICAL DRAWINGS AND DETAILS

## SGSR-R2V2950 ASSEMBLED RACK

(Portrait) For panel length 1700-1810 mm  
Length of illustrated panel 1754 mm

### Certifications

Groundscrews

**Construction:** EN 1090-2

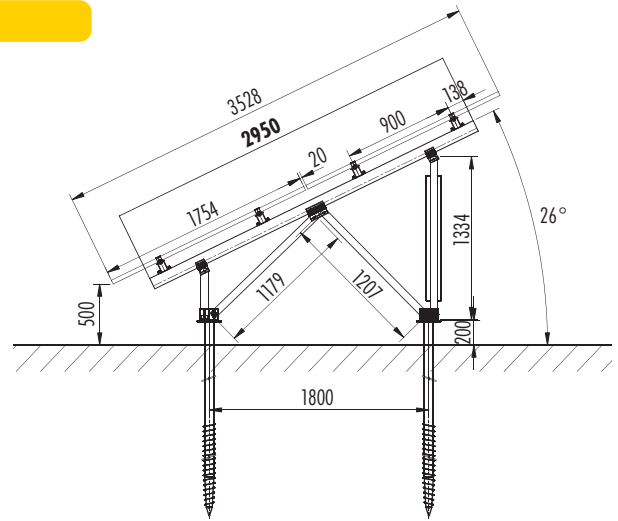
**Surface:** ISO 1461

Rack and components

**Construction:** EN 1090-3

**Design according to:** UL 2703

**Wind load according to:** AS/NZ 1170.2



## SGSR-R2V3450 ASSEMBLED RACK

(Portrait) For panel length 1811-2145 mm  
Length of illustrated panel 2094 mm

### Certifications

Groundscrews

**Construction:** EN 1090-2

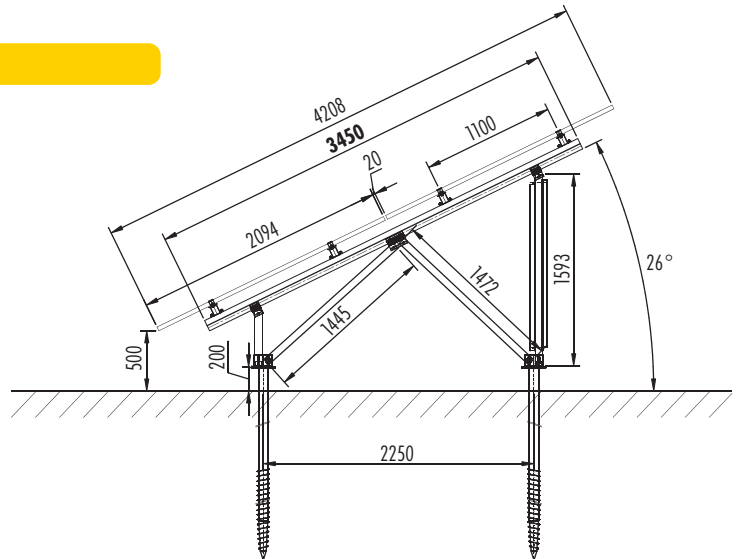
**Surface:** ISO 1461

Rack and components

**Construction:** EN 1090-3

**Design according to:** UL 2703

**Wind load according to:** AS/NZ 1170.2



## SGSR-R2V3850 ASSEMBLED RACK

(Portrait) For panel length 2146-2410 mm  
Length of illustrated panel 2384 mm

### Certifications

Groundscrews

**Construction:** EN 1090-2

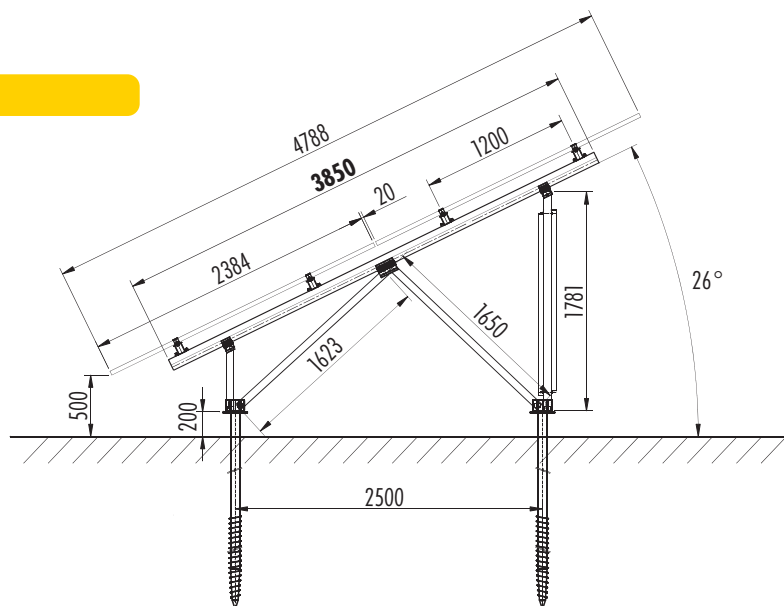
**Surface:** ISO 1461

Rack and components

**Construction:** EN 1090-3

**Design according to:** UL 2703

**Wind load according to:** AS/NZ 1170.2



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THE GROUNDSCREW FOR SOLID FOUNDATIONS