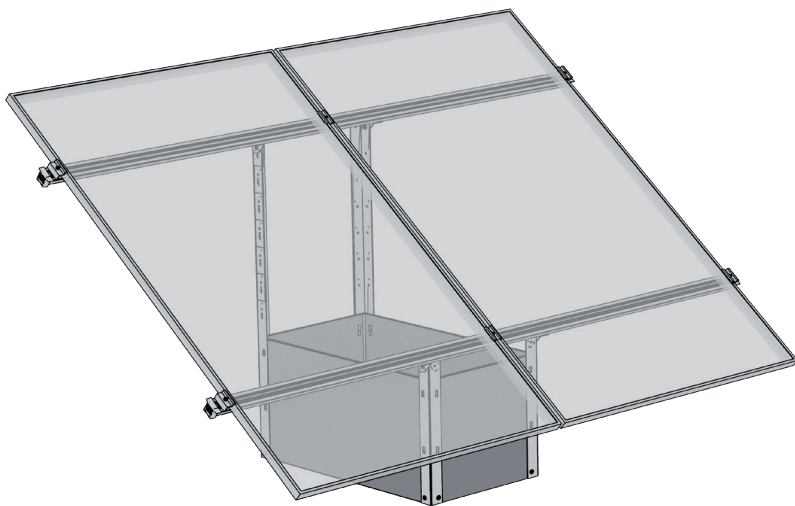


GSE GROUND SYSTEM EVOLUTION



General characteristics

System	Ballasted ground-mounting system
System warranty	20 years, subject to compliance with our installation recommendations
Application	Ground installation on a level surface Wind zone up to 31 m/s (subject to sufficient ballast – please refer to CONNECTOR) For terrain categories II (open countryside with few obstacles), IIIa (countryside with hedges), IIIb (urbanised or industrial zones), IV (urban zones)
Exclusion	Installation at height prohibited: terraces, roofing, mounds Category 0 (coastal areas or seafronts) Altitude above 900 m
Incline	40° as standard, adjustable, adjustable between 5°, 12°, 18°, 25°, 30°, 35° and 40°

Modules

Module orientation	Portrait
Configuration	In multiples of 2 modules
Module compatibility	Panels < 2.40 m in length and < 1.35 m in width
Module fixing	Using single and double brackets



Mounting system

Ballast calculations	System tested with Eurocode wind zones. Refer to CONNECTOR for ballast calculations in South or East/West configuration.
Maximum ballast per ballast box	Up to 400 kg of sand Up to 370 kg of concrete Up to 335 kg of gravel

Components

Function	Designation	Material	Colour	Manufactured in	Recyclable
Ballast box (25 kg)	Side walls and base	Galvanised steel 10 µm thick	Steel		✓
	Angle brackets and corner brackets	Galvanised steel 30 µm thick	Steel		✓
Fixings and fixing system	Bolts and nuts	Galvanised steel	Steel		✓
	Brackets	Aluminium, steel and plastic	Black		✓
Panel support rail	2.40 m rail	Aluminium	Aluminium		✓

Testing

Wind testing	Proven mechanical resistance with winds exceeding 150 km/h
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