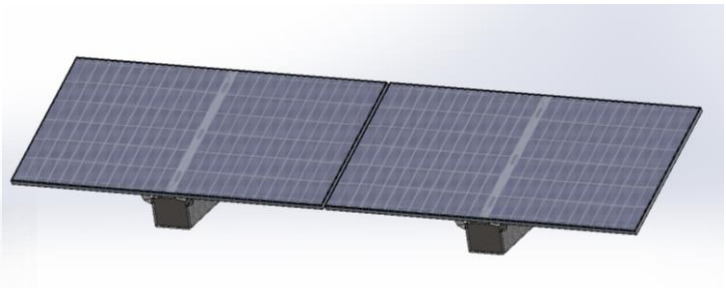
HELIOS-BOX
THE NEXT GENERATION OF BALLASTED PV SYSTEMS

East-West version inclined at 15°

South tilt version inclined at 20°



100% recyclable metal structure

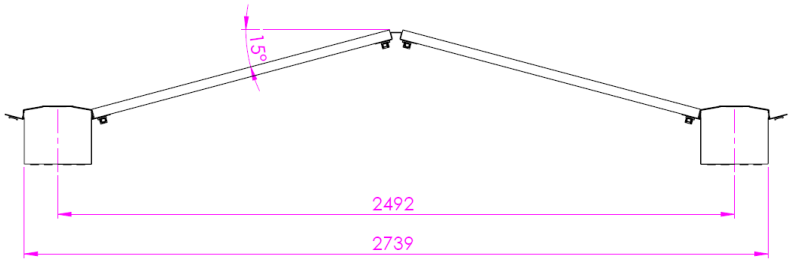
A new product distributed by: krannich global solar distribution

HeliosBox description

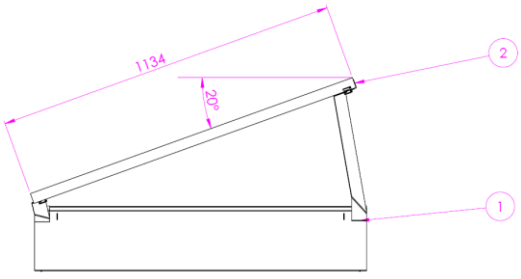
Structure type	East-West or South tilt ballasted PV structure for rooftop or ground mounted solar plants
PV module compatibility	Width : 0.95 to 1.2m, Length : 1.5 to 2.4m
PV module inclination angle	South tilt : 20° (lower inclination available on request), East-West : 15°
PV module mounting clip	ARaymond PowAR Snap S+ or ARaymond PowAR Cinch
Structure material	Magnelis steel, 100% recyclable
HeliosBox dimensions (LxWxH)	1100 x 230 x 220 mm
HeliosBox internal volume	55L
HeliosBox maximum ballast weight	~80 kg with gravel (density = 1.5), ~45 kg with water filled ballast (density = 1)
Maximum wind speed	Depends on site configuration (Wind zone, terrain category, and/or roof height).
Maximum wind load	≤ 1,200 Pa
Maximum snow load	≤ 1,200 Pa
Structure UV exposure lifetime	Infinite, no risk of generation of plastic particles under long term aging
Material flammability	Non-flammable metallic structure
Grounding	Distributed grounding path through HeliosBox metal structure
Codes & standards	Wind loads and structure mechanical resistance validated following Eurocodes 1
Warranties	Material certificates, structural strength verified by mechanical load tests.

HeliosBox structure dimensions

East-West version inclined at 15°



South tilt version inclined at 20°



About HeliosLite

International patent pending. Third party certified ballast weight calculation support available on request.
Product installation manual and videos available on www.helioslite.com and krannich-solar.com/fr-fr/