GLOBAL RAIS™
Energy & Storage Solutions

DUO™ High-Density PV System

PRODUCT DATA SHEET

DUO 3D WAVE™ RACK



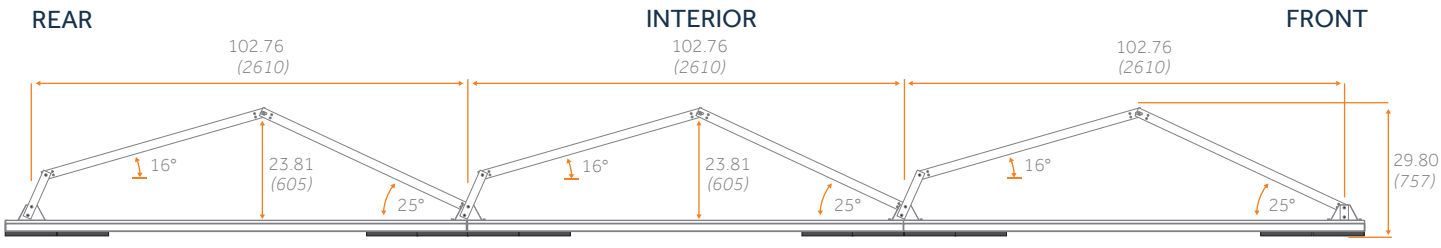
Mechanical Specifications

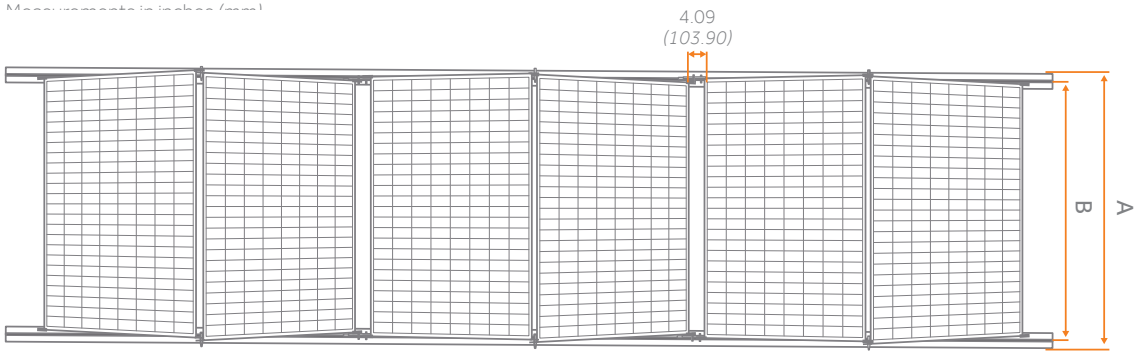
Configuration	Dual Tilt
Front Module (South-Facing) Tilt	25°
Rear Module (North-Facing) Tilt	16°
Module Compatibility	Global RAIS series modules
Inverter Compatibility	Global RAIS Redundant Inverter Bus
Maximum Power Density†	18.1 W_p/ft^2
Base System Weight‡	2.6 lb/ft^2
Racking Material	Structural-grade aluminum alloys
Roofpad Material	Polymer Blend
Installation Speed	> 2.1 kW/person-hour
Wind Tunnel Testing	ASCE 7-10 Compliant
Power Warranty‡‡	25 Years
Product Warranty‡‡	25 Years
UL 1703 Fire Rating	Class A with Global RAIS Apex Modules

COMMERCIAL

GROUND MOUNT

STORAGE READY



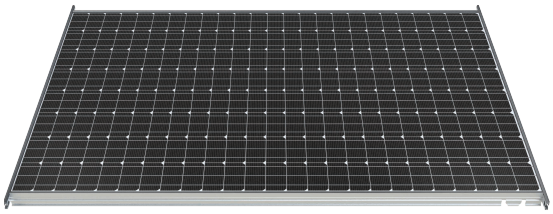


A Width	B Width
84.35 (2142.5)	80.14 (2035.5)

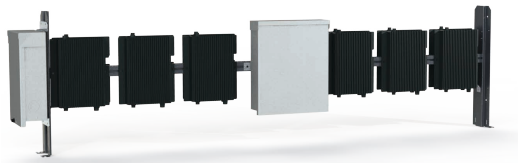
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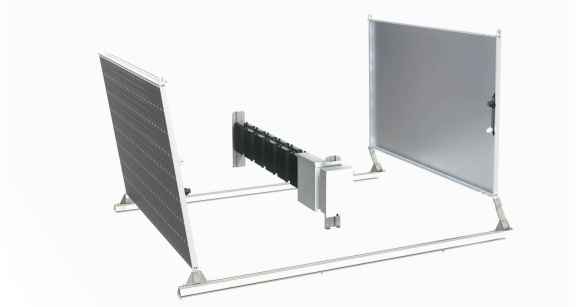
PRODUCT DATA SHEET



Module



Inversion



DUO 3D WAVE™ RACK

Common Components


Short Fin


Tall Fin


Peak Kit


Keeper Plug


Delta Rail[1]


Bumpon


Roof Pad

Rooftop Accessories

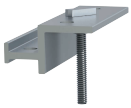

Flat-Roof Attach[2]


Ballast Clip[3]

Ground Mount Accessories


Oval Rail


Pile Cap


Pile Clamp

Application	Attachment Options	Notes
Rooftop	Fully-ballasted; Flat-Roof Attach	5° maximum slope
Ground Mount	Pile Mounted[4]; Direct-on-ground[5]	Sub-structure not supplied by Global RAIS.
Carport	Pile Mounted	Sub-structure not provided by Global RAIS.

†Maximum power density calculated as one wavelet with 515 W Apex Modules. (450 W APEX Modules = 15.8 W per ft² power density)
‡Base system weight for Apex configuration.
‡‡Contact Global RAIS for full warranty details.
[1]Delta rail lengths determined by array layout. For more information consult *DUO System Installation Manual*.
[2]Flat-roof attach not compatible with all anchor solutions, contact Global RAIS for compatibility information.
[3]Ballast rails available.
[4]Pile mounted applications use ground mount accessories.
[5]Direct-on-ground applications use delta rail and roofpad.

Patented Technology. Specifications subject to change without notice.
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