

DPAL CON Mount Product Sheet



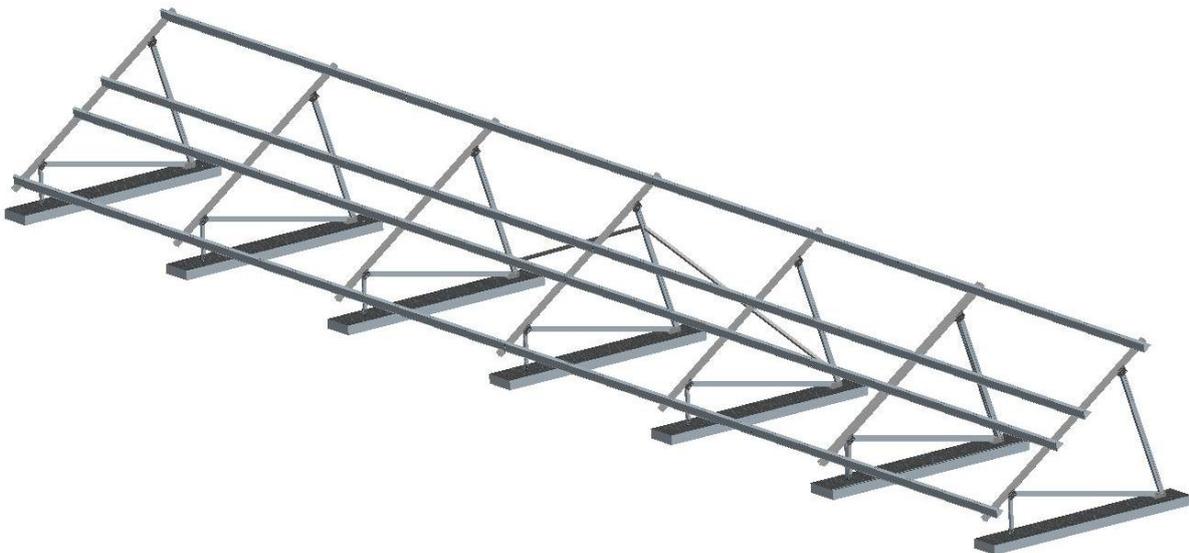
The DPAL CON Mount is an open terrain system whose design and configuration has been carefully calculated and strictly tested.

Compared with the DPAS CON Mount, the DPAL CON Mount uses aluminum components, which makes the system light and saves transportation costs. It is also easy to recycle and corrosion resistant. Basically, the DPAL CON Mount is the aluminum alloy version of the DPAS CON Mount.

Applications

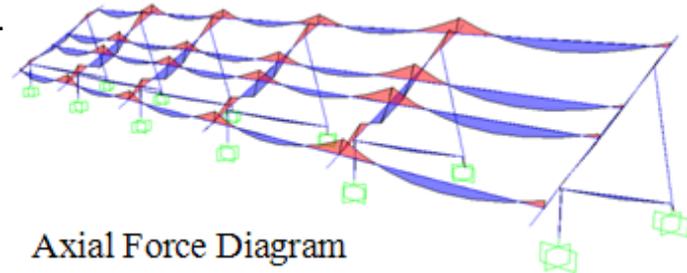
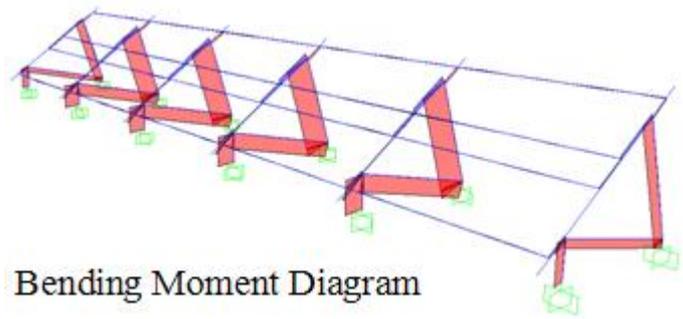
This open terrain mounting system with concrete foundations is mainly used for:

- * Small and medium scale projects
- * Areas where the soil is too soft or too rocky, and other inaccessible locations
- * Projects that require a short turnaround time required

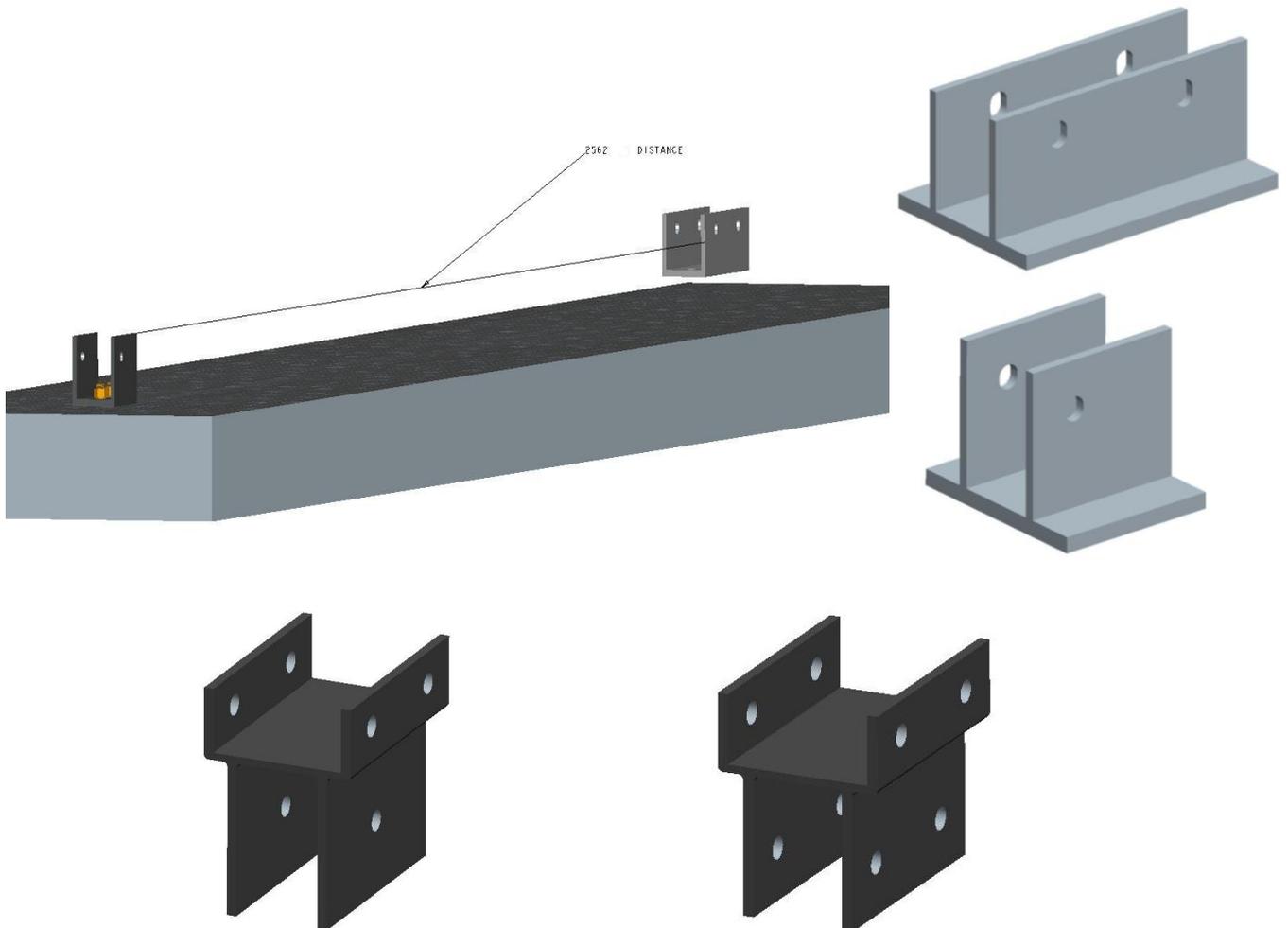


Key Features

- * Well-designed in accordance with SAP2000.
- * Cost effective and highly durable.
- * Maximizes flexibility, utilization of U-bolts eliminates the limitation of installing solar modules with rectangular rails.
- * Made of an aluminum alloy, reduces weight to save transportation costs.
- * Pre-assembled support units save installation time.
- * Suitable for any type of solar module.



Connectors



Technical Data

Product series	DPAL CON-1P	DPAL CON-2P
Foundation	Concrete	
Material	Module bearing profiles: Binders: Supports: Screws / nuts:	Aluminum alloy Aluminum alloy Aluminum alloy 304 stainless steel
PV Module	Framed or unframed	
Module Layout	One row, up to approx.25m(82ft)	Two rows, up to approx.25m(82ft)
Module Numbers	25 pieces of PV module.1960x992x50	50 pieces of PV module.1960x992x50
Module inclination	15°,20°,25°,30°,35°	
Ground clearance	30-90cm(12-35in)	
Basement	Concrete foundation	
Span	4M(13.12ft)	
Girder	Aluminum alloy	
Purlin	Aluminum alloy	
Fastener	304 Stainless Steel	
Color	Mill finish	
Maximum wind load	108Km/h(67.5mph)	
Maximum snow load	0.6KN/M ² (13kPa/psf ²)	
Design capacity	About 7.5kW	About 15kW
Standards	International Building Code IBC2009,ANSI/AISC 360-05,ASCE/SEI 7-10,ACI 318-08	
Structural analysis	According to current national standards. Structural analysis with specifications on foundation dimensions as well as an anchor recommendation depending on the respective wind and snow loads that have to be considered.	