CORIGY Big Projects Reference

CORIGY SOLAR was established in 2014,is one of the leading manufacturer and designer of solar mounting systems in China.
During the 10 years,CORIGY has done many MW-scale solar projects.

For your reference,here are some of our experience on 150MW and 240MW which is very representative on both solutions and price.
The mounting structures of these 2 projects are very durable,easy and fast for installation,also very economical,it should be useful for your project.

The developer of 150MW is the only national photovoltaic developer in the Kingdom of Cambodia. After the 1st 150MW,with good product quality, service and price,they has cooperated with CORIGY to develop several other power stations, namely 100MW(140MWp), 60MW(80MWp), another (150MW)200MWp, 40MW(55MWp), 10MW(14MWp), 30MW(42MWp), 300MW(420MWp) and another 60MW(（83.42MWp) and another 10MW(14MWp)，350MW(477MWp),20MW(27.5MWp),another 350MW(477MWp),30MW(42MWp),130MWp(181.7MWp).
All large ground power stations in the Kingdom of Cambodia have only using CORIGY's solar mounting structure, CORIGY has won the continued trust of customers with its good product quality and service.

After 240MWp,the Vietnamese customer continued to use CORIGY’s solar mounting structure to build their other two large power stations, 30MW and 810MW.(810MW is the biggest solar plant in South-East Asia).

Below are the project condition,drawings,project photos of 240MWp and 150MW projects,please check.

240MWp Ground Solar Project in Vietnam

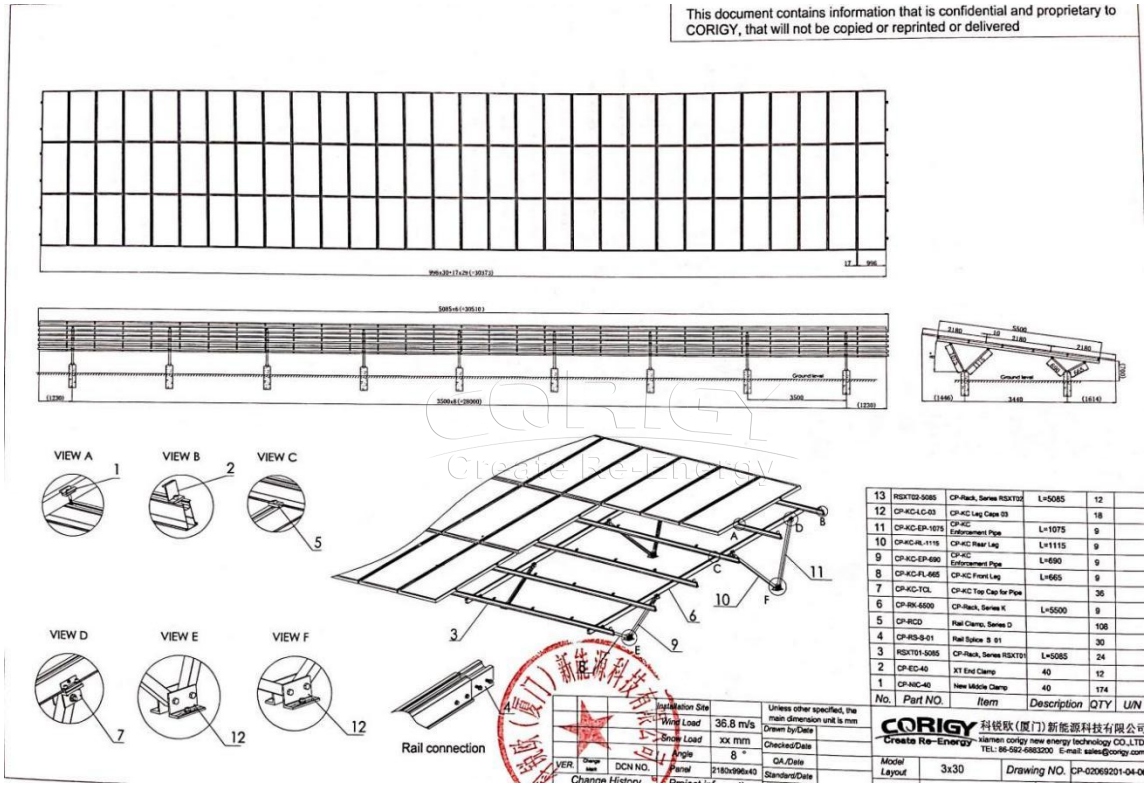
(One of the biggest solar plant in South-East Asia)

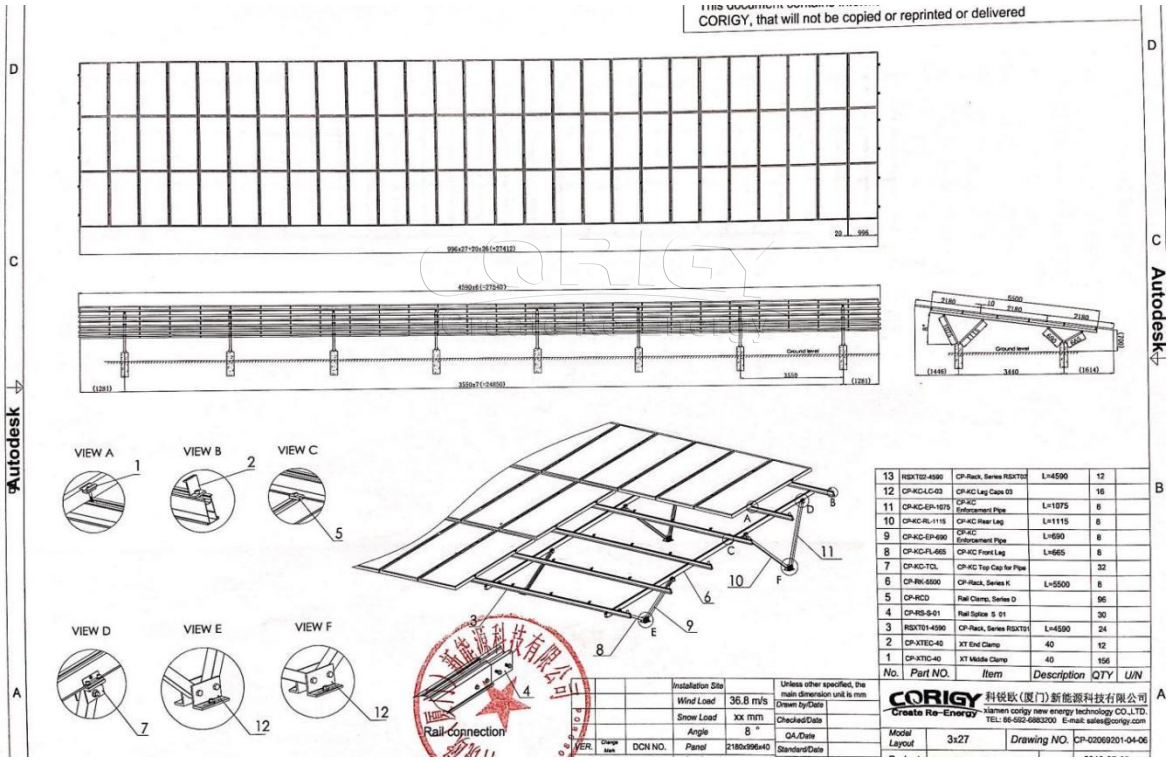
Solar panel size:2180*996*40mm
Install angle:8 degrees
Height from ground:700mm
Wind speed:34m/s
Snow load:no snow
Layout:portrait 3*30+3*27

Foundation:concrete blocks

This project used CORIGY CP-KC-V Series Aluminum Mounting Structure,one of the most important reason of low cost of mounting structure is because of **portrait 3 rows layout**.

Same solution the same customer also used at 30MW,810MW.




CORIGY, that will not be copied or reprinted or delivered
VIEW A
VIEW B
VIEW C
VIEW D
VIEW E
VIEW F
Rail-connection
Autodesk


CORIGY 240MWp SOLAR MOUNTING SYSTEM CONSTRUCTION

810MW Installing Site in Vietnam

This 810MW is same design with 240MWp,but changed material to steel.

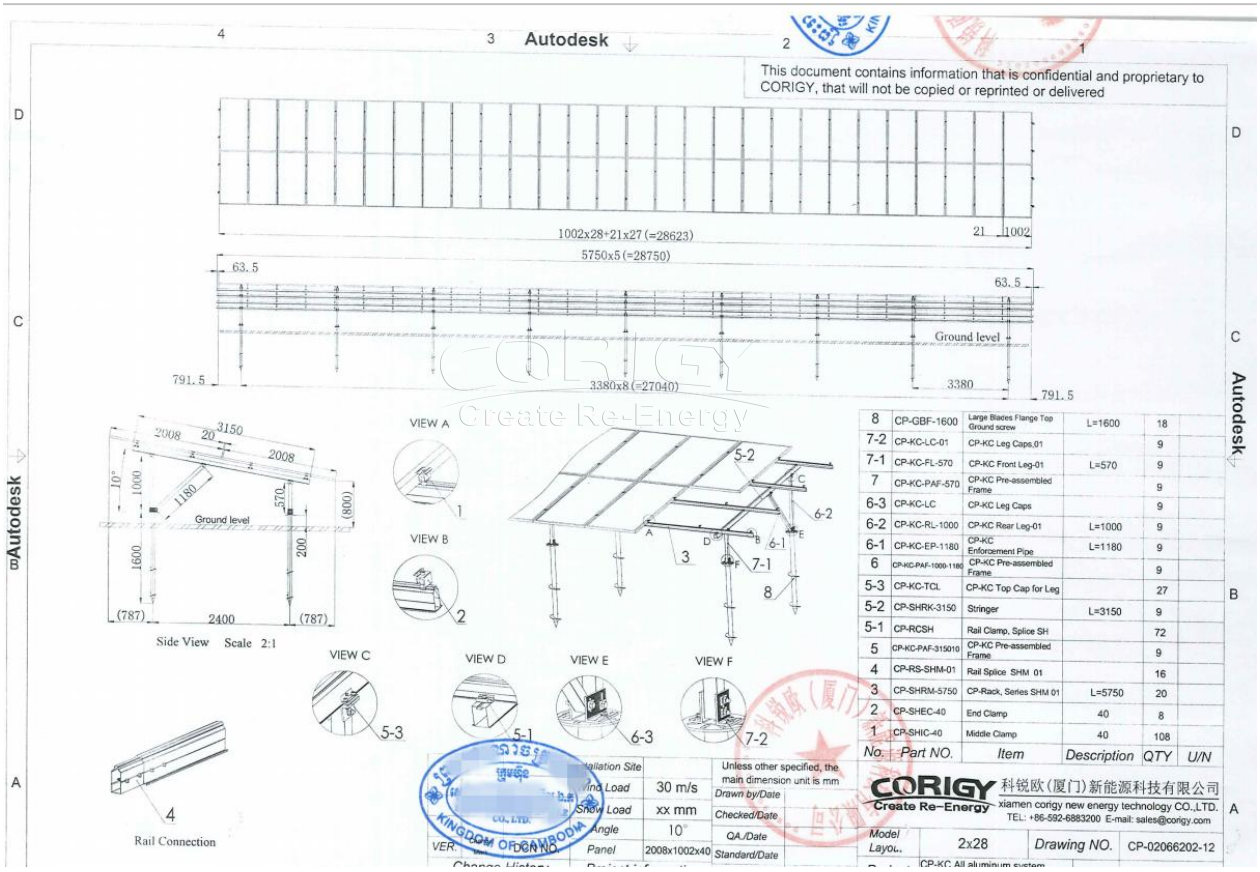
810MW Installing Site in Vietnam

150MW Ground Solar Project in Cambodia

(The 1st biggest solar plant in The Kingdom of Cambodia)

Solar panel:2008*1002*40mm
Install angle:10 degrees
Height from ground:800mm
Wind speed:30m/s
Snow load:no snow
Layout:Portrait 2*28
Foundation：Ground Screw (Large Blade/Small Blade)
Same Solution the same customer also used at:100MW(140MWp), 60MW(80MWp), another (150MW)200MWp, 40MW(55MWp), 10MW(14MWp), 30MW(42MWp), 300MW(420MWp).

This project used CP-KC-A series Aluminum Mounting Structure,with optimized rail,mid clamp and end clamp to save the cost.



No.	Part NO.	Item	Description	QTY	U/N
8	CP-GBF-1600	Large Blades Flange Top Ground screw	L=1600	18	
7-2	CP-KC-LC-01	CP-KC Leg Caps,01		9	
7-1	CP-KC-FL-570	CP-KC Front Leg-01	L=570	9	
7	CP-KC-PAF-570	CP-KC Pre-assembled Frame		9	
6-3	CP-KC-LC	CP-KC Leg Caps		9	
6-2	CP-KC-RL-1000	CP-KC Rear Leg-01	L=1000	9	
6-1	CP-KC-EP-1180	CP-KC Enforcement Pipe	L=1180	9	
6	CP-KC-PAF-1000-1180	CP-KC Pre-assembled Frame		9	
5-3	CP-KC-TCL	CP-KC Top Cap for Leg		27	
5-2	CP-SHRK-3150	Stringer	L=3150	9	
5-1	CP-RCSH	Rail Clamp, Splice SH		72	
5	CP-KC-PAF-315010	CP-KC Pre-assembled Frame		9	
4	CP-RS-SHM-01	Rail Splice SHM 01		16	
3	CP-SHRM-5750	CP-Rack, Series SHM 01	L=5750	20	
2	CP-SHEC-40	End Clamp	40	8	
1	CP-SHIC-40	Middle Clamp	40	108	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CORIGY 150MW Solar mounting system project site
www.corigy.com
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Project Photos of 60MW (80MWp) in Cambodia

(Our system can be installed on slope)

Photos of 2nd 150MW(200MWp) in Cambodia

Photos of 300MW(420MWp) in Cambodia

60MW(83.42MWp) Steel Mount Project Site

*Another 350MW(477MWp) Steel Mount Project also under construction

**350MW(477MWp),30MW(42MWp),130MWp(181.7MWp) are also new ordered for 2026.