
Kon-Yambetta Solar Plant: Ground Plan



Version 1, 17-04-2022

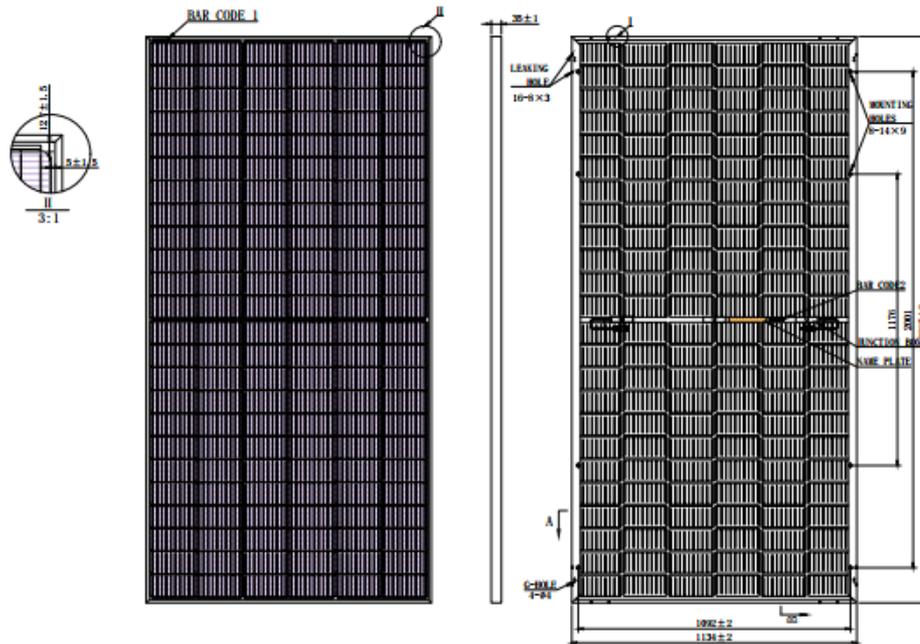
Modules Details

PV Module-545Wp

[SIZE : 2285 x 1134 x 35 (mm)]

Manufacturer
Model

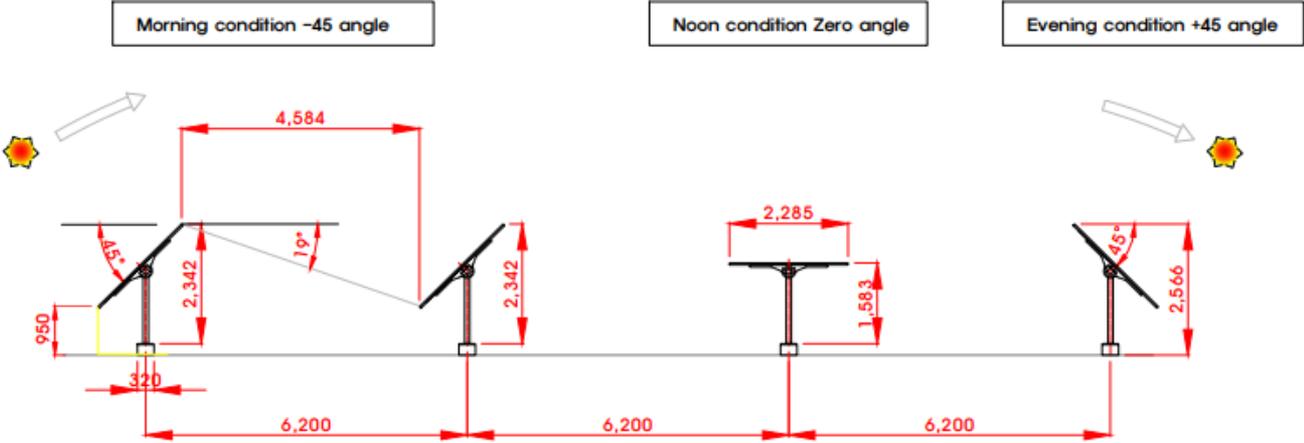
IAN TECH
M7-SHLD144-545/M(2285x1134x35)



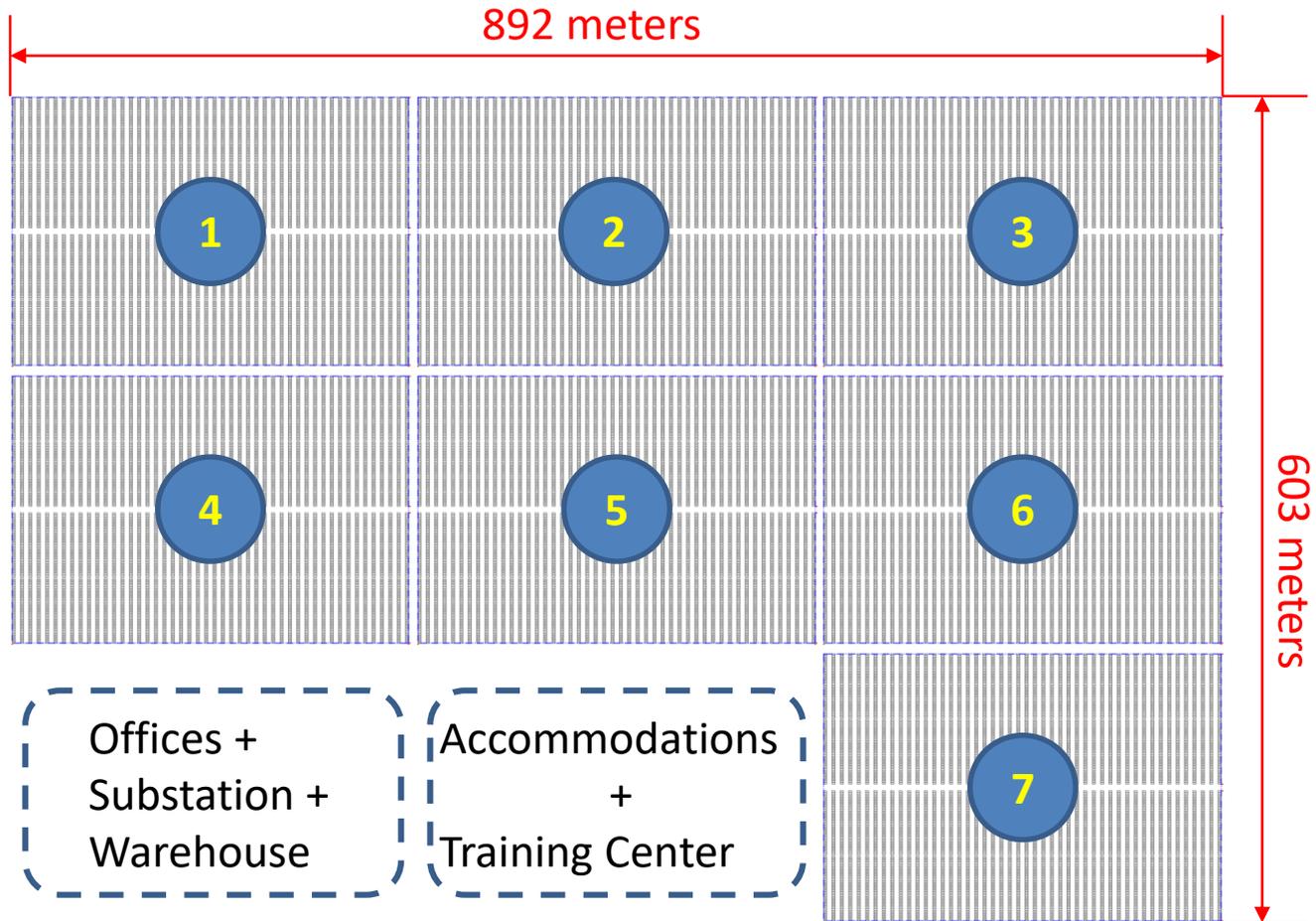
Single Axis Tracker

Single-Axis Tracker

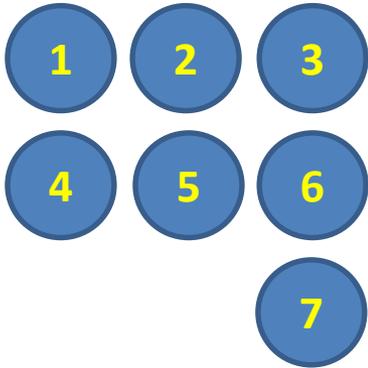
- Max Tilt Tracking Angle : +, - 45 degree Horizontal Axis
- PV Position by the Solar tracking sensors
- Safety Mode
- Bad weather or Raining condition Mode



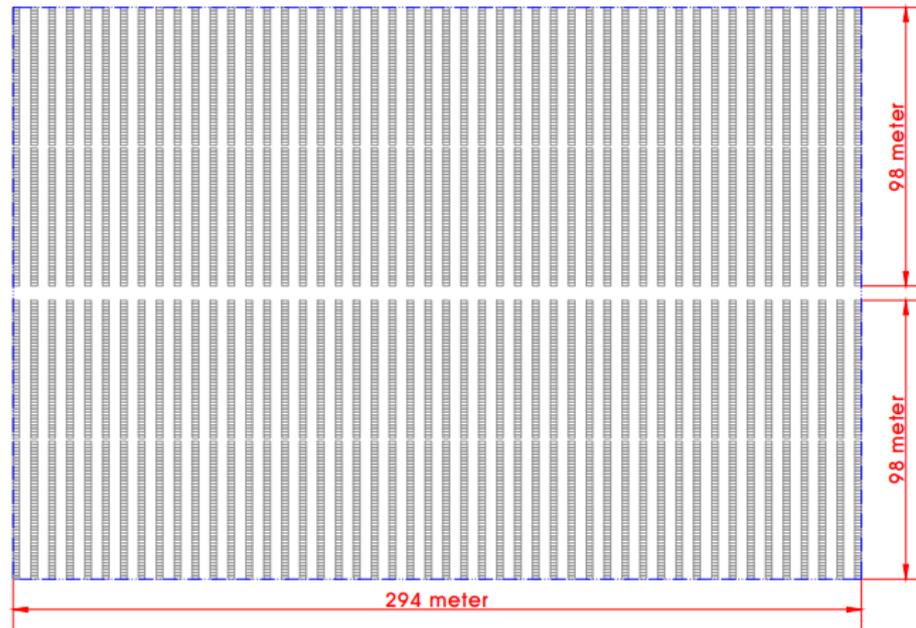
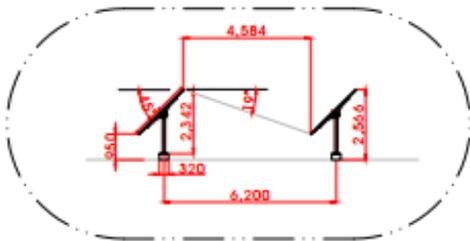
30MW Plant Ground Layout



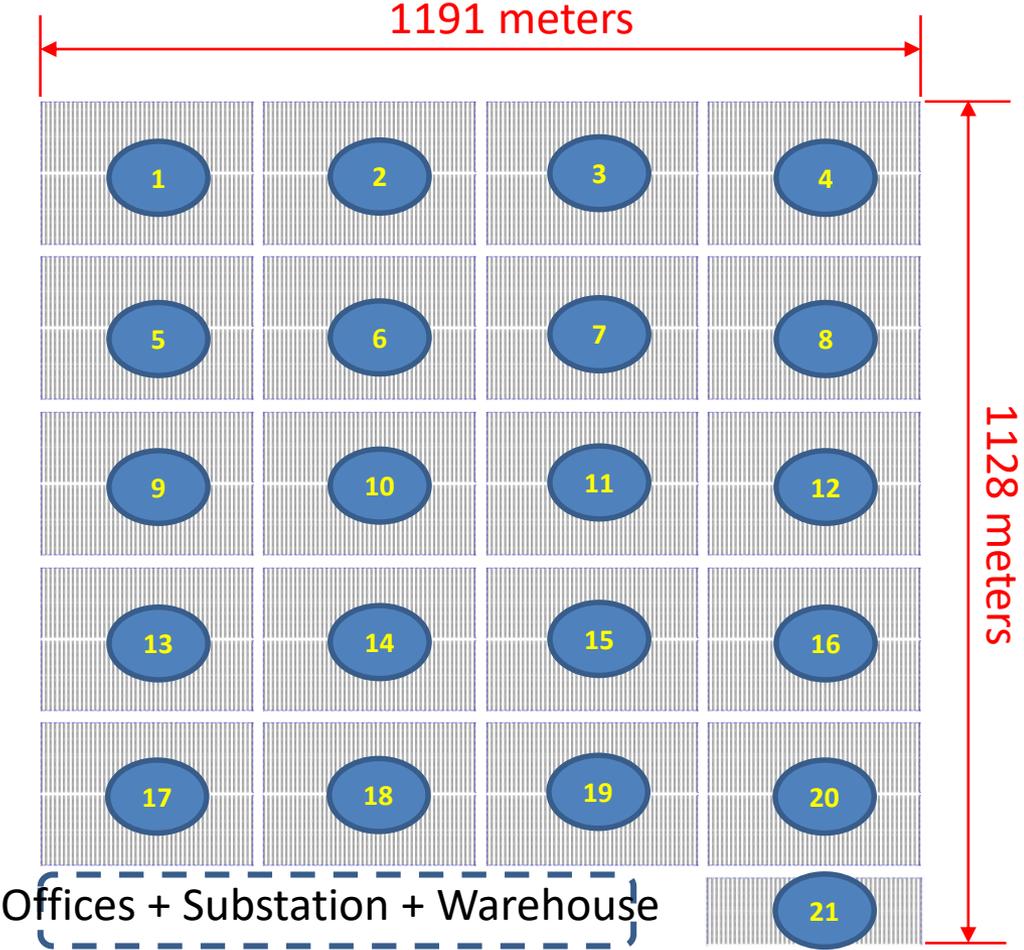
30MW Plant Ground Layout



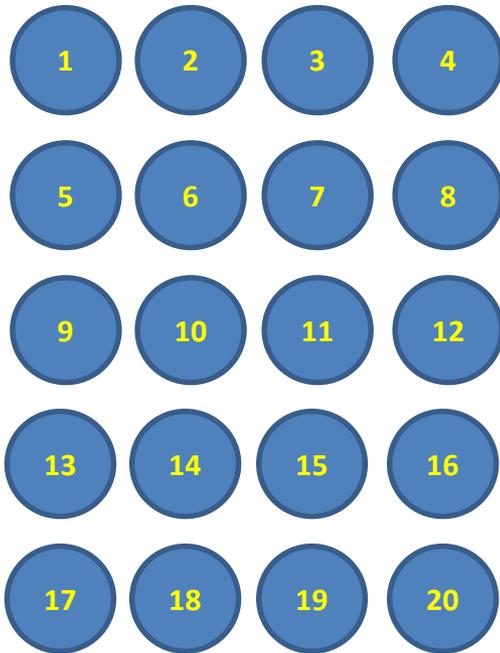
PV Array Components			
NO	Items	Spec	Remarks
1	PV Modules	545Wp	8,064 pcs
2	Combiner	20Ch 1500V	18 sets
3	Inverter	SMA SC4400 UP	1 sets
4	Transformer	4400kVA	1 sets
5	PV Structures	Single Axis Tracking	Designed



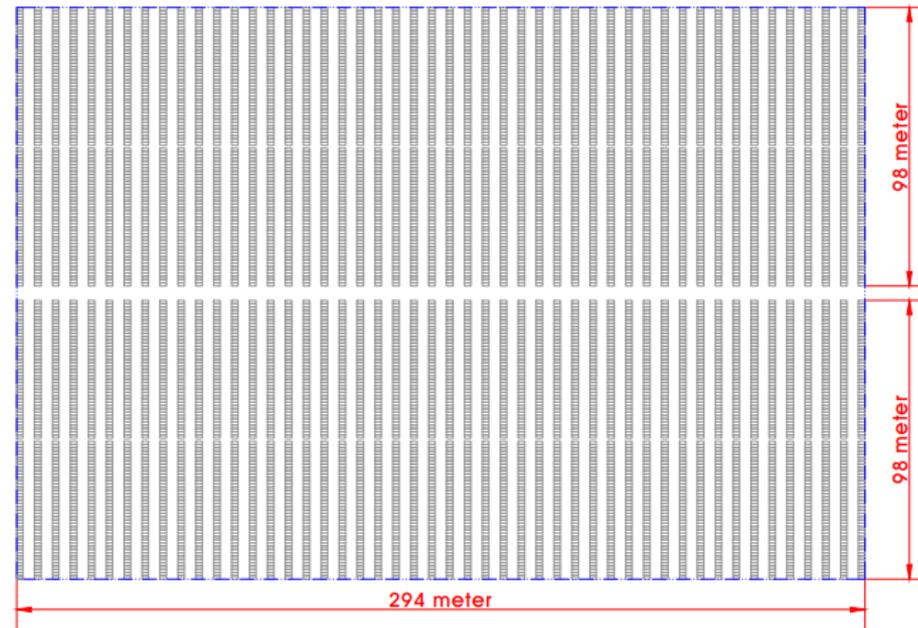
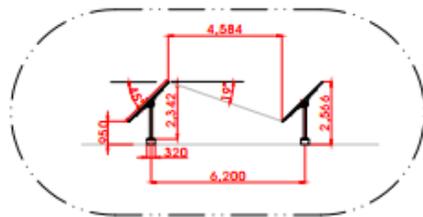
90MW Plant Ground Layout



90MW Plant Ground Layout

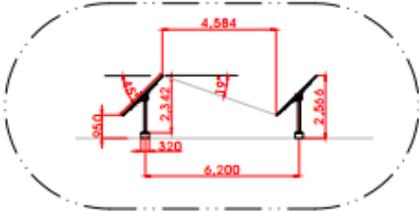


PV Array Components			
NO	Items	Spec	Remarks
1	PV Modules	545Wp	8,064 pcs
2	Combiner	20Ch 1500V	18 sets
3	Inverter	SMA SC4400 UP	1 sets
4	Transformer	4400kVA	1 sets
5	PV Structures	Single Axis Tracking	Designed



90MW Plant Ground Layout

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PV Array Components			
NO	Items	Spec	Remarks
1	PV Modules	545Wp	4,032 pcs
2	Combiner	20Ch 1500V	9 sets
3	Inverter	SMA SC4400 UP	1 sets
4	Transformer	4400kVA	1 sets
5	PV Structures	Single Axis Tracking	Designed

