

---

# Kon-Yambetta Solar Plant: Ground Plan



*Version 1, 17-04-2022*

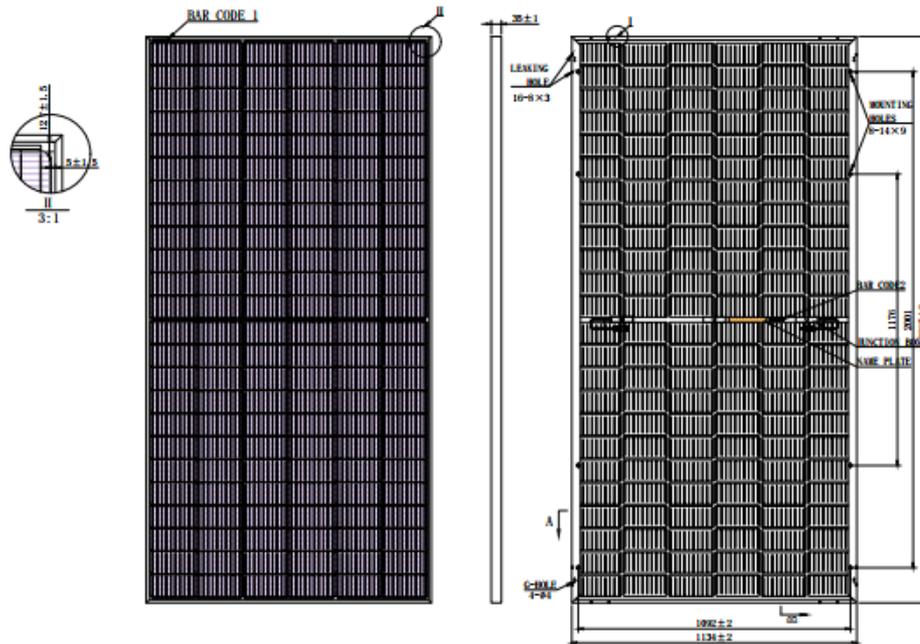
# Modules Details

## PV Module-545Wp

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

Manufacturer  
Model

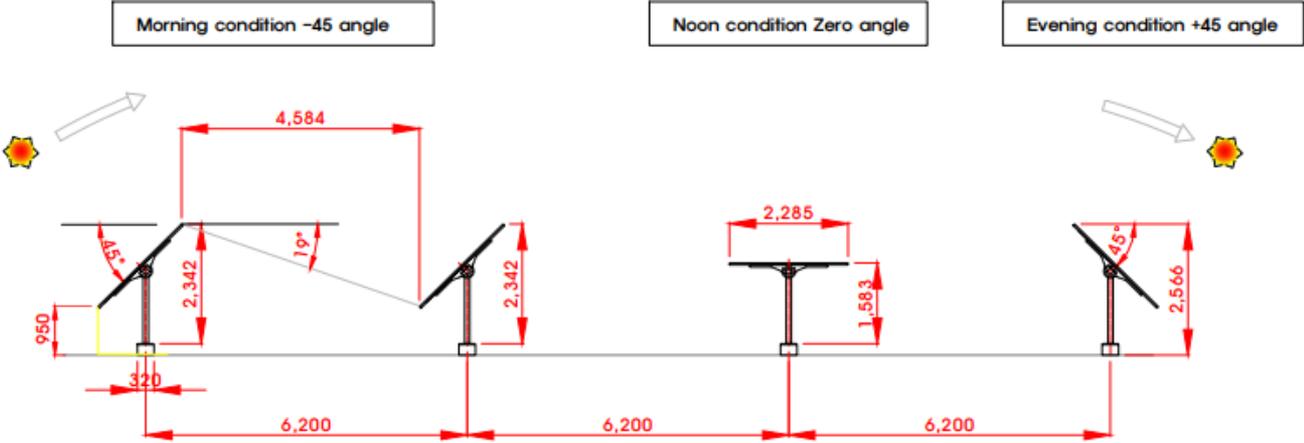
IAN TECH  
M7-SHLD144-545/M(2285x1134x35)



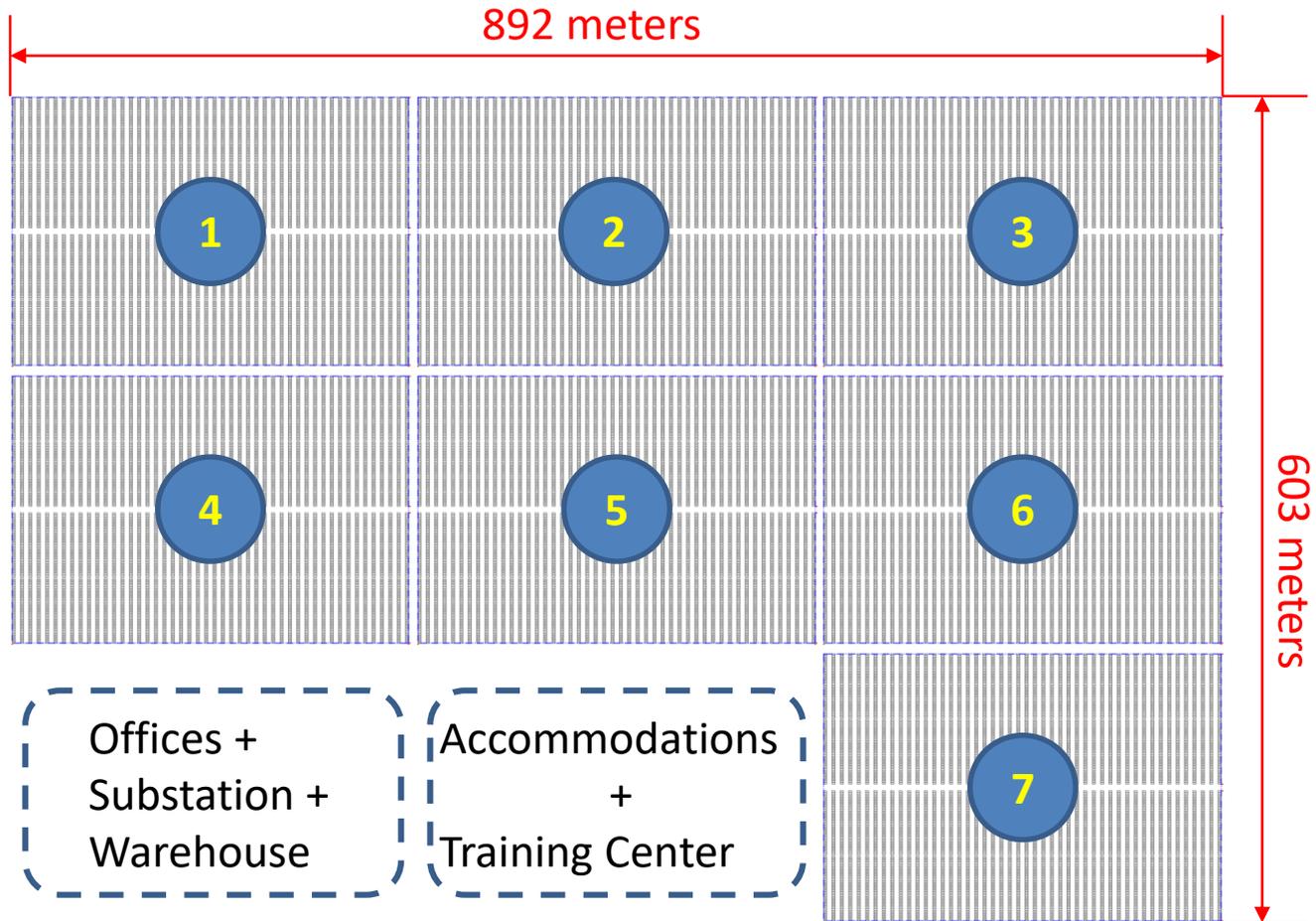
# Single Axis Tracker

## Single-Axis Tracker

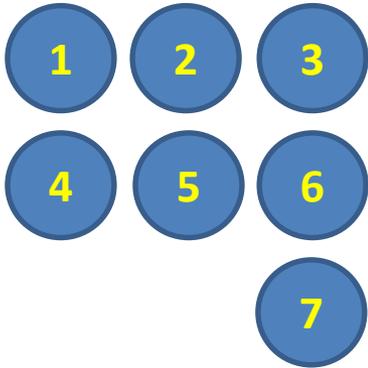
- Max Tilt Tracking Angle : +, - 45 degree Horizontal Axis
- PV Position by the Solar tracking sensors
- Safety Mode
- Bad weather or Raining condition Mode



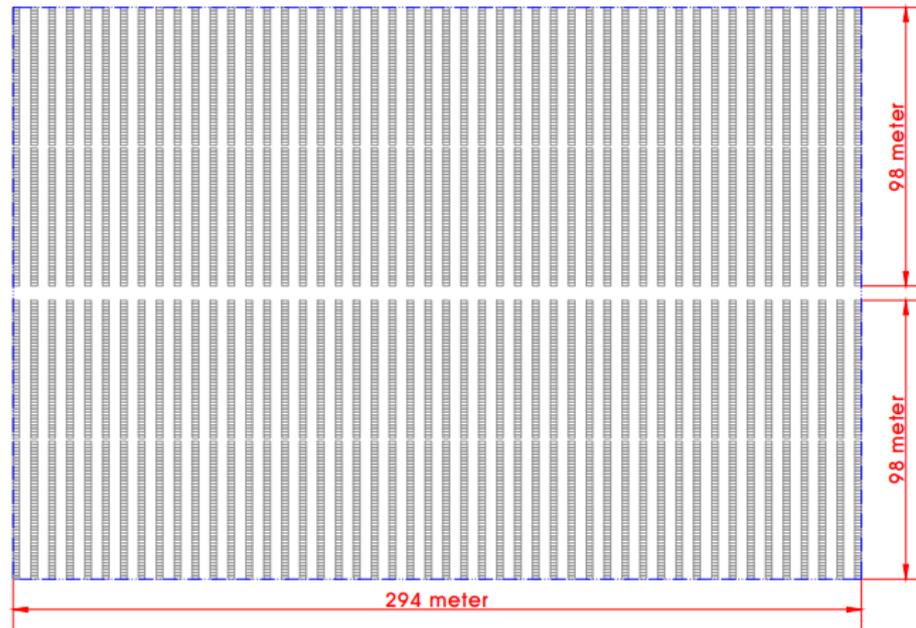
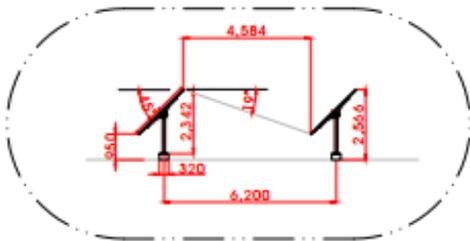
# 30MW Plant Ground Layout



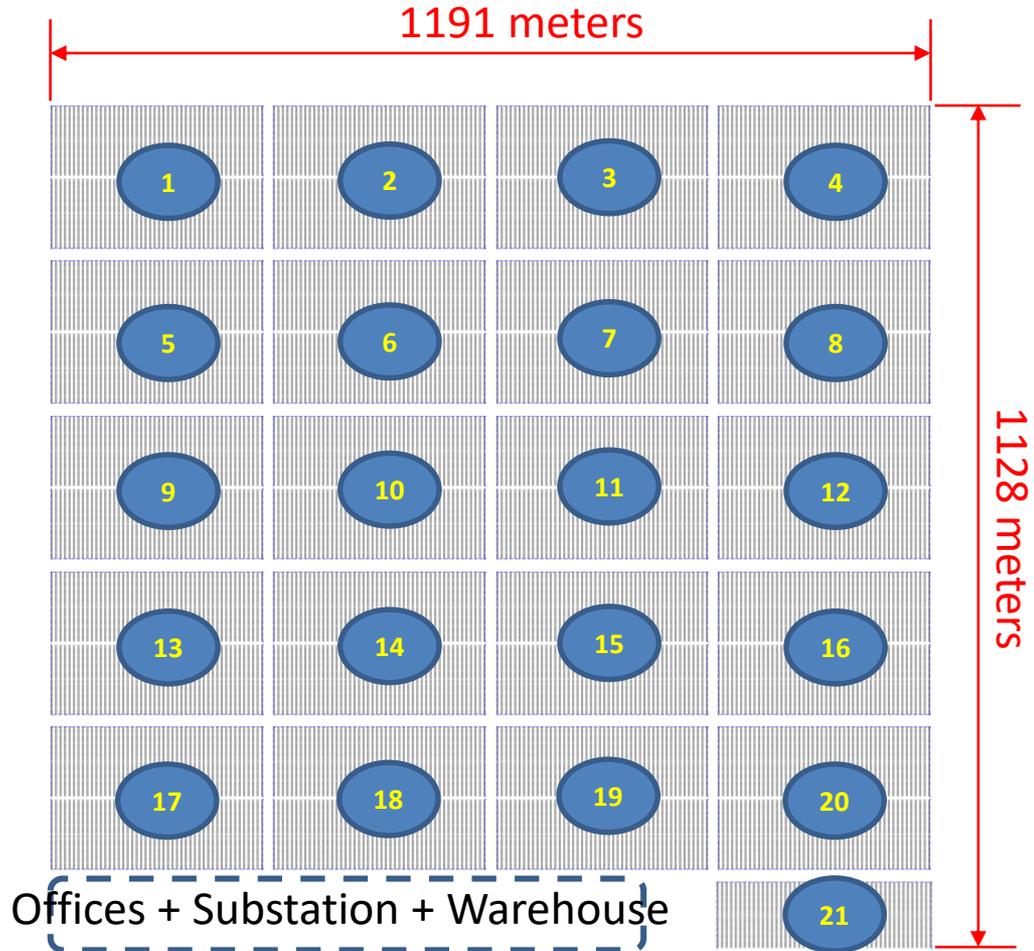
# 30MW Plant Ground Layout



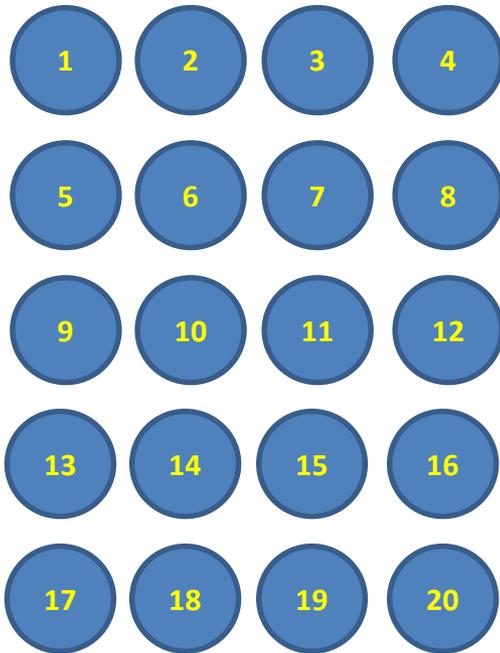
PV Array Components			
NO	Items	Spec	Remarks
1	PV Modules	545Wp	8,064 pcs
2	Combiner	20Ch 1500V	18 sets
3	Inverter	SMA SC4400 UP	1 sets
4	Transformer	4400kVA	1 sets
5	PV Structures	Single Axis Tracking	Designed



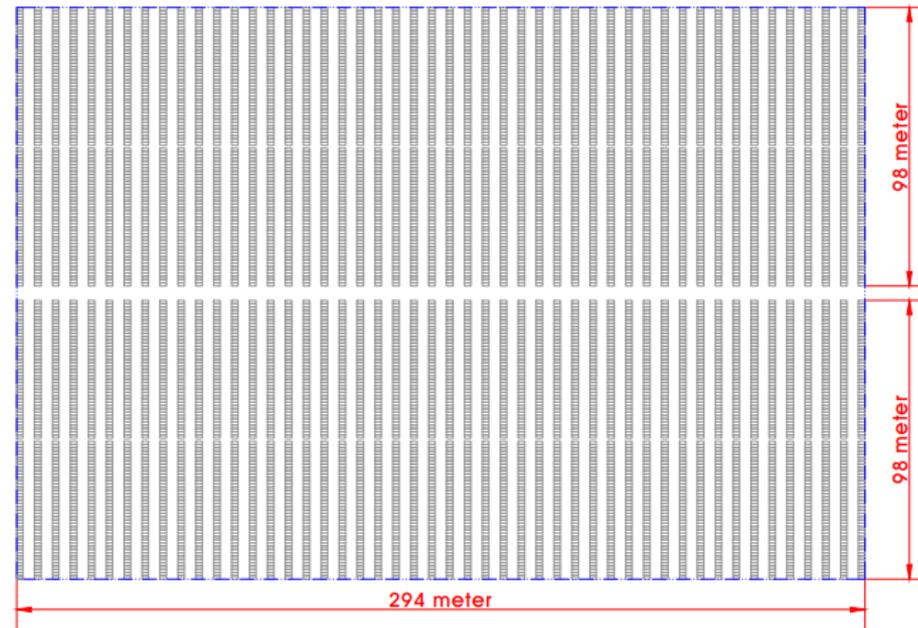
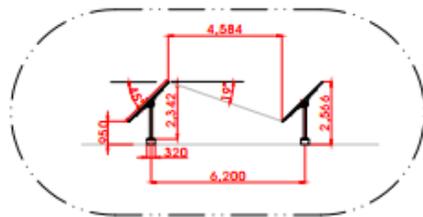
# 90MW Plant Ground Layout



# 90MW Plant Ground Layout

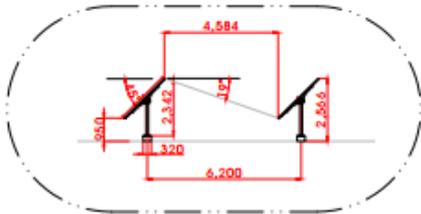


PV Array Components			
NO	Items	Spec	Remarks
1	PV Modules	545Wp	8,064 pcs
2	Combiner	20Ch 1500V	18 sets
3	Inverter	SMA SC4400 UP	1 sets
4	Transformer	4400kVA	1 sets
5	PV Structures	Single Axis Tracking	Designed



# 90MW Plant Ground Layout

21



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

