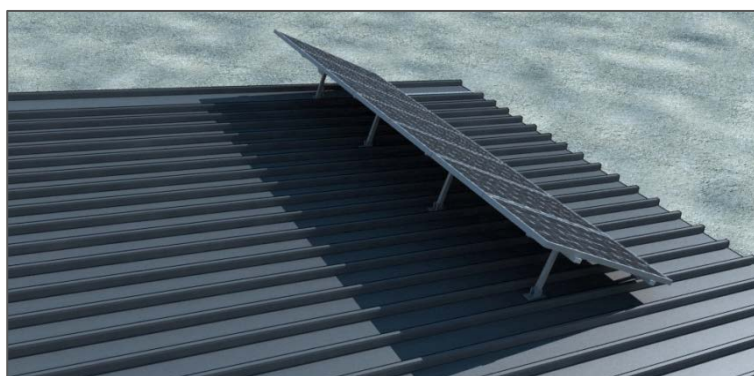
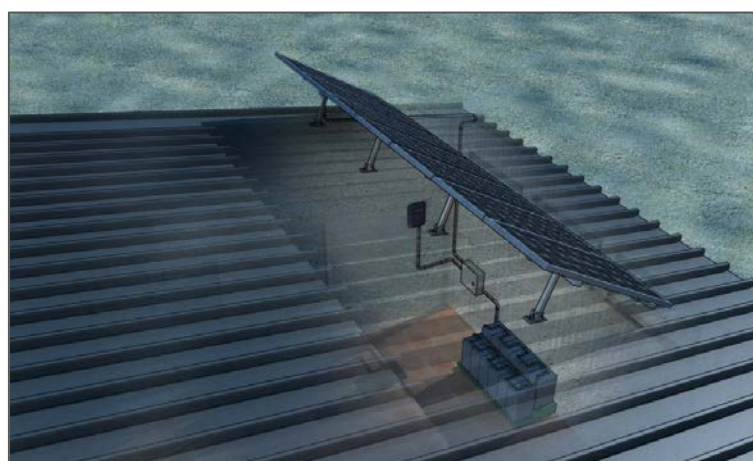


Isolated Photovoltaic System for School/Medical Centre

Power requirement: 900W - Consumption: 6.900Wh/day - 240V AC



Lot #15. Installation Manual



Components

Item	Description
1	PV Solar Module GYP 290-72
2	Support Structure
3	Battery Gel EOS 1200
4	Rack Battery
5	Regulator Charge
6	Protection Cabinet
6.1	PVC box
6.2	Breaker 2P35A for PV
6.3	Breaker 2P63A for BAT
6.4	combiner connector For BAT
6.5	Breaker 2P 63AMP to inverter
6.6	Cable 16sqmm R+B
6.7	labour and else charge
7	Inverter DC /AC 1200 W
8	LED Tube 14 W
9	Electrical Set
9.1	PV Cable, FUSE MC4 10M 6sqmm Cable set
9.2	Battery Cable set , 2.5M 16sqmm D08
10	Maintenance Set
10.1	Toos box with multimeter
10.2	Mop YSD05
10.3	spanners for connectors(plastic)

8 x Photovoltaic Modules



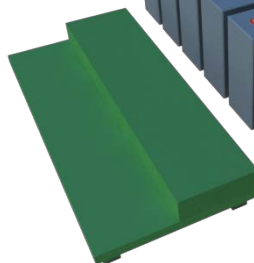
1 x Support Structure



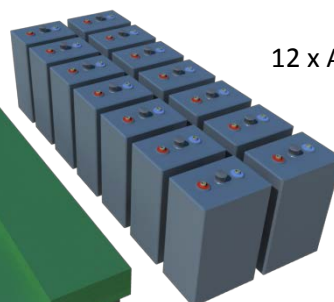
2 x Regulators



1 x Battery Rack



12 x AGM 2V Batteries



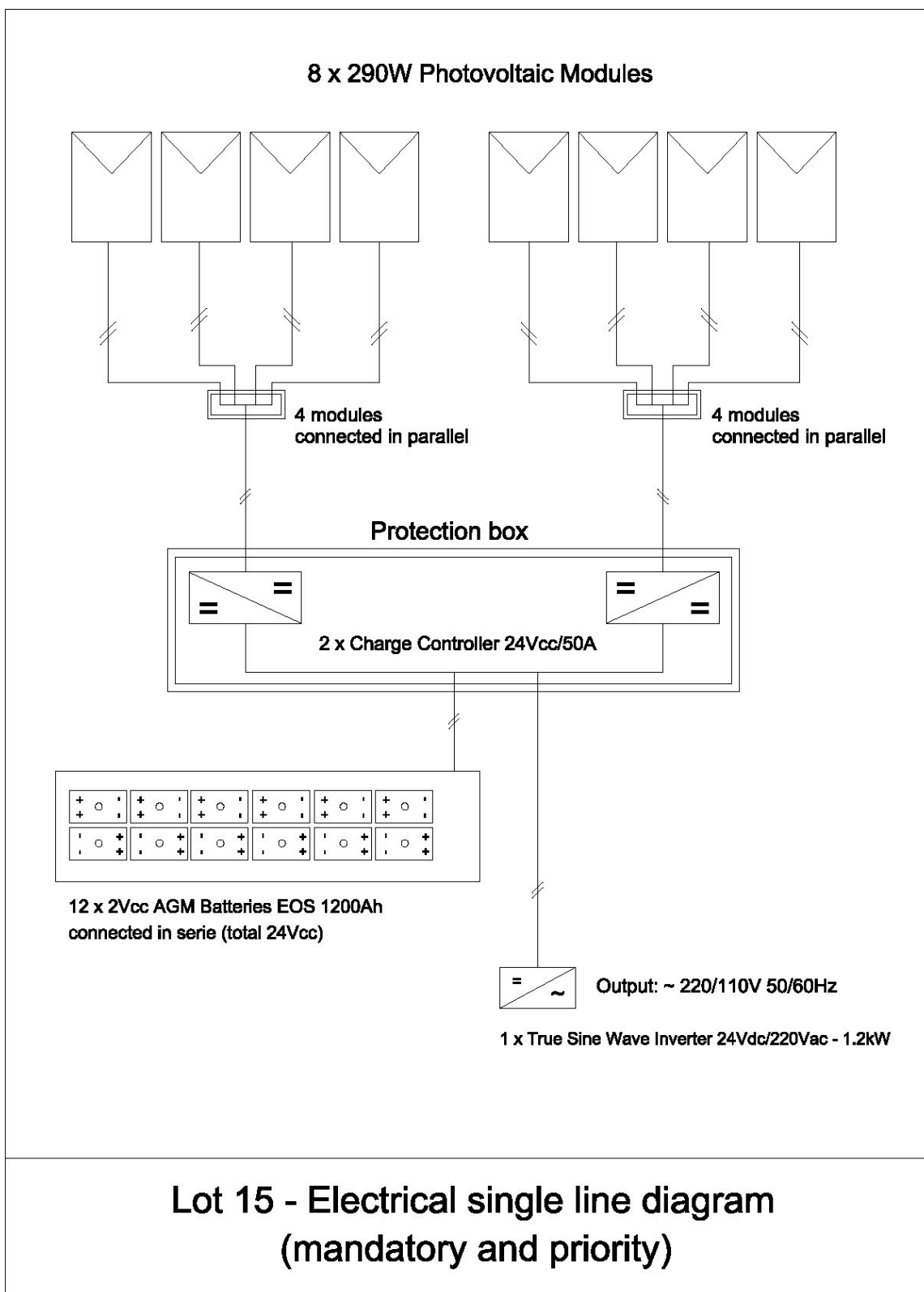
1 x Inverter

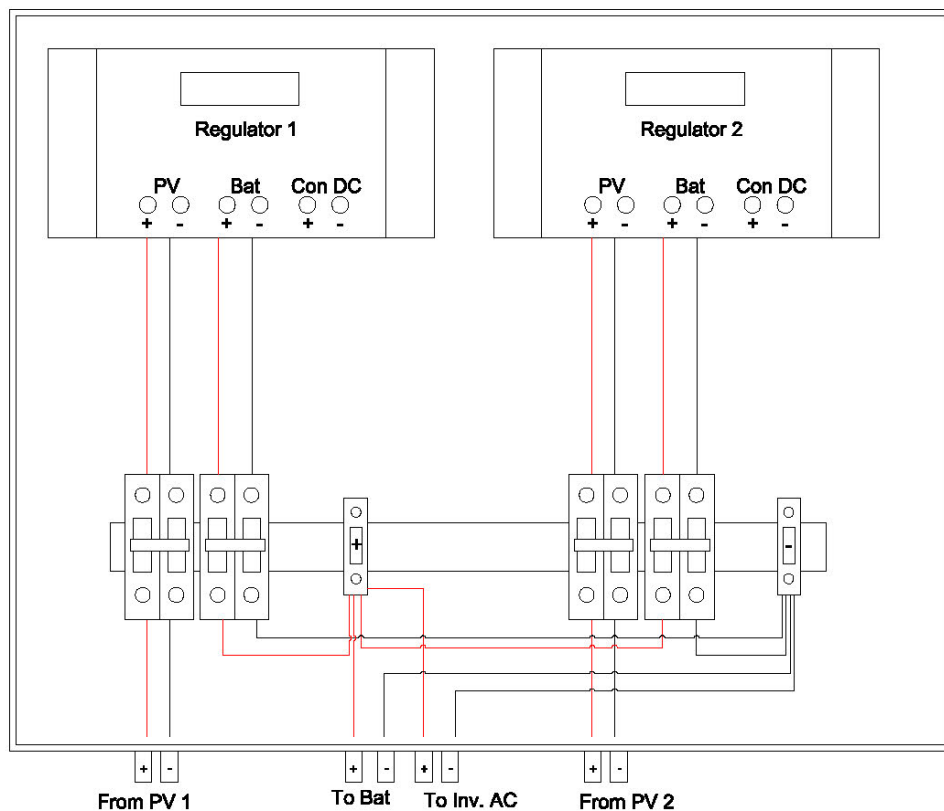


Electrical elements for photovoltaic system connection:



- 10m cable, section 6mm²
- 2,5m cable, section 16mm²
- connectors between elements



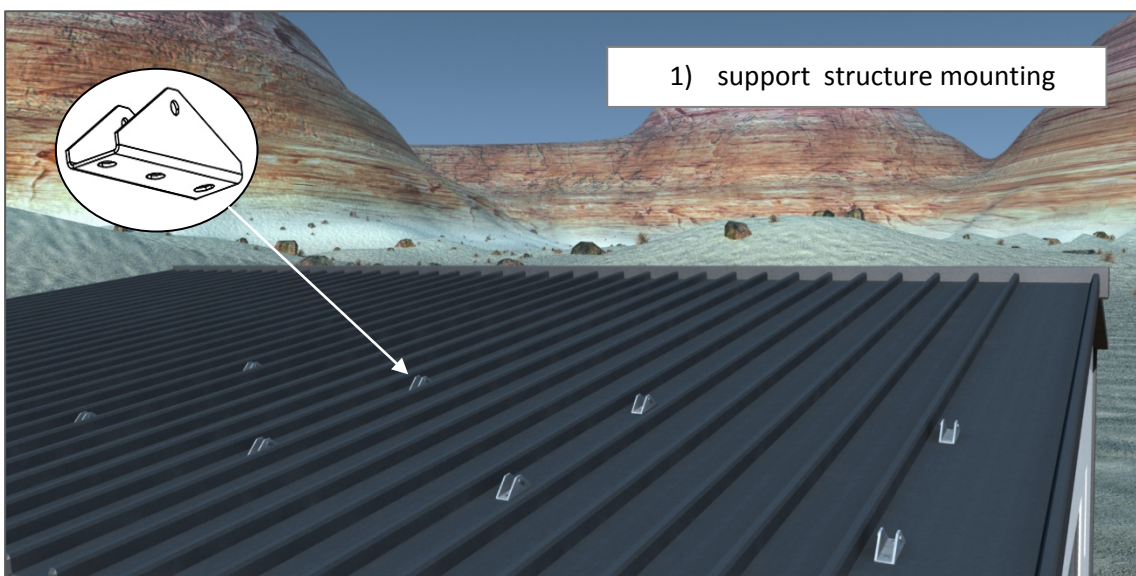
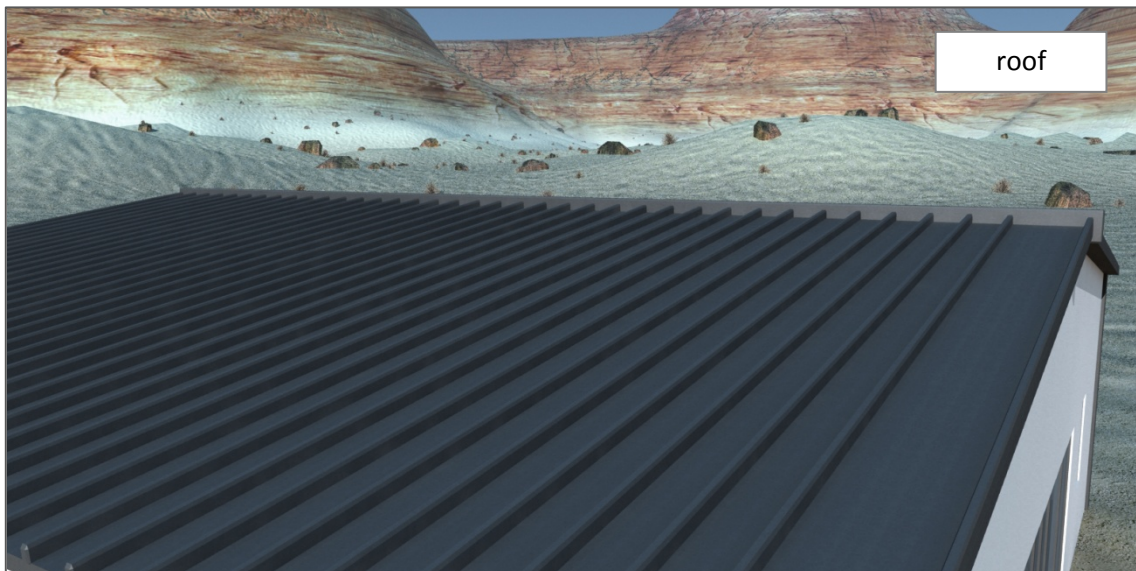


Lot 15 - Protection Box (mandatory and priority)

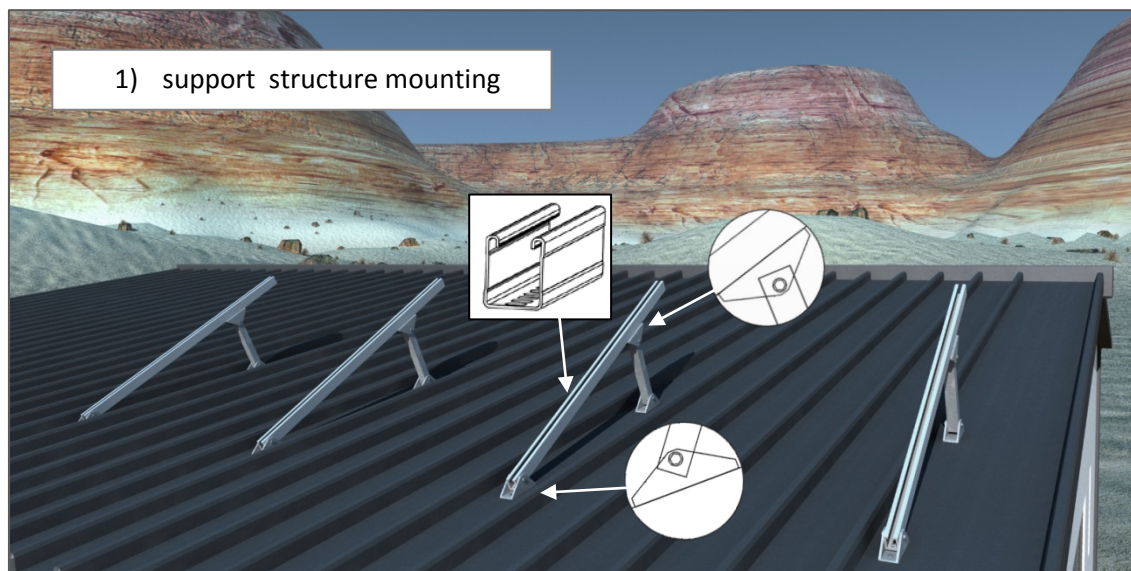
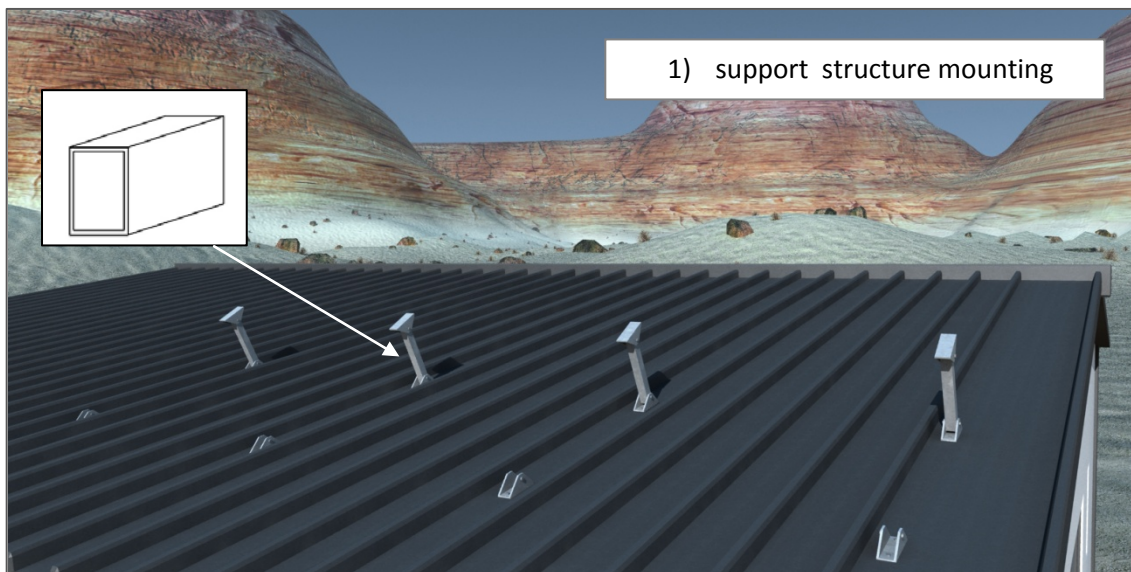
Protection Box

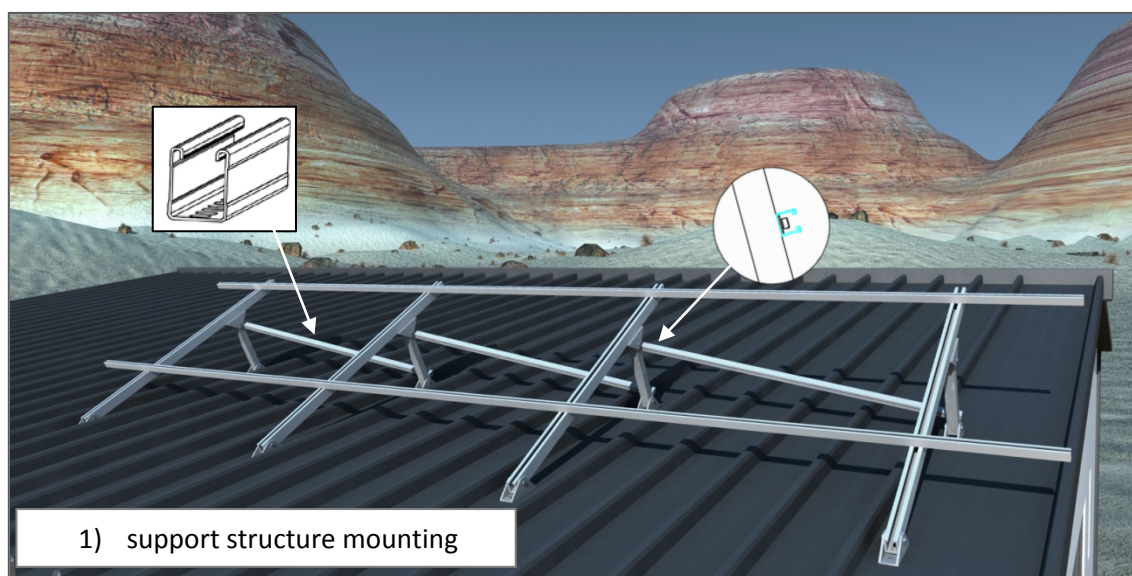
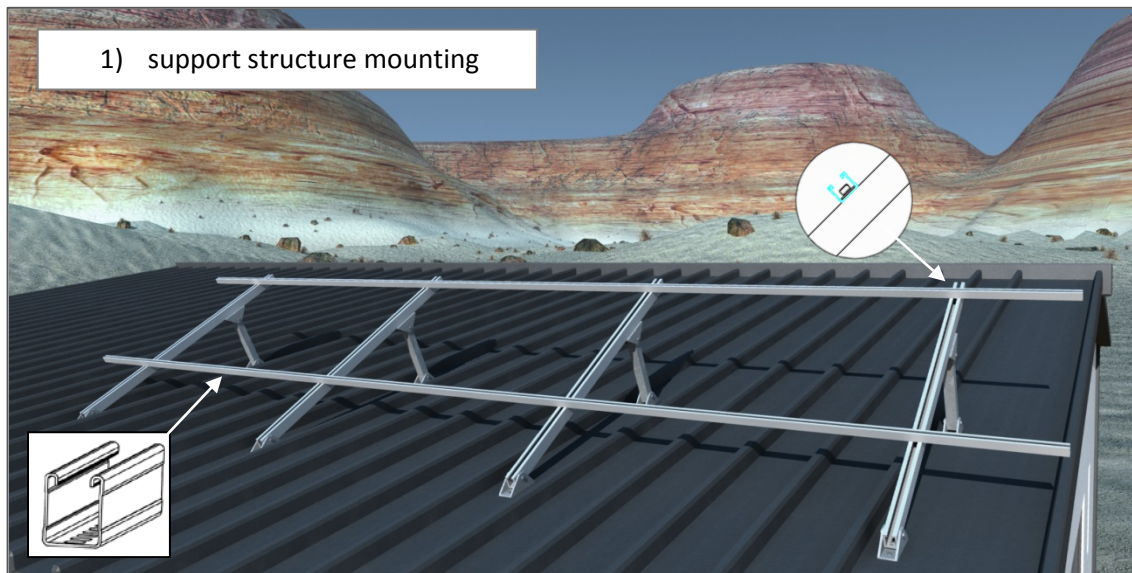


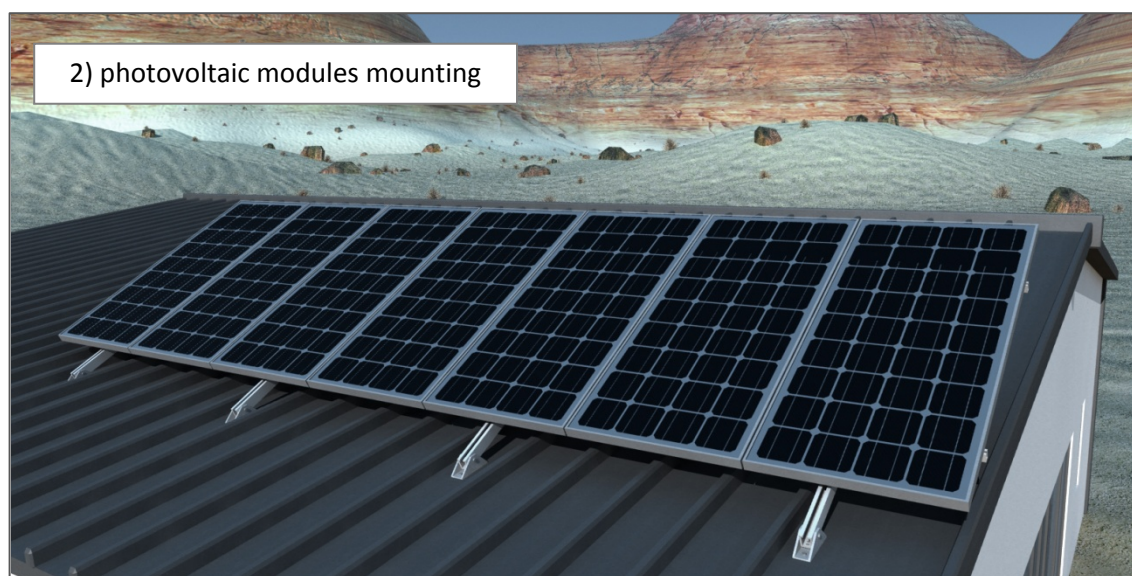
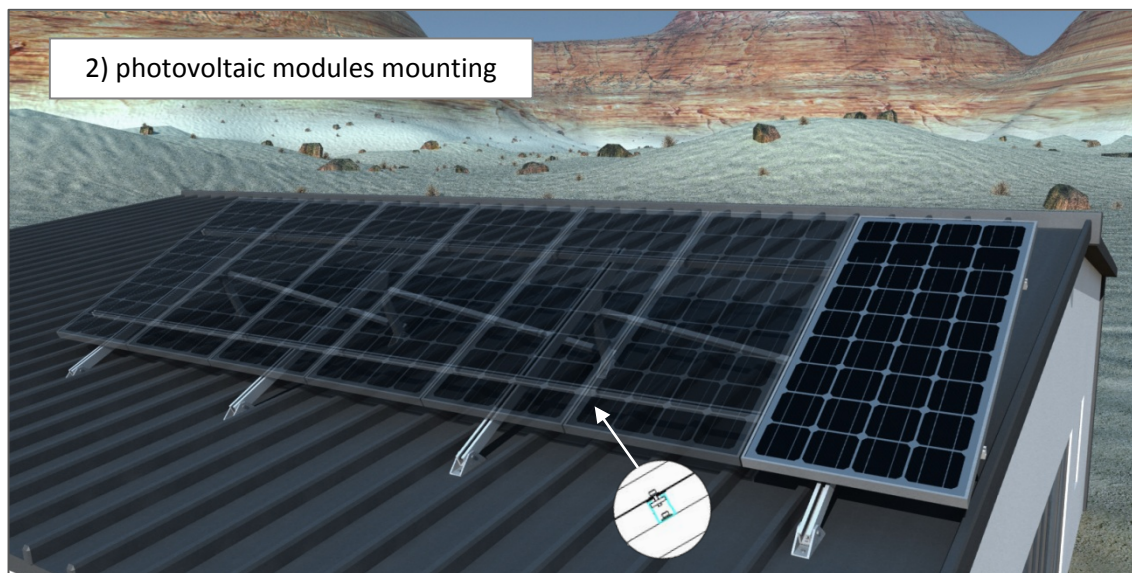
Installation Sequence*

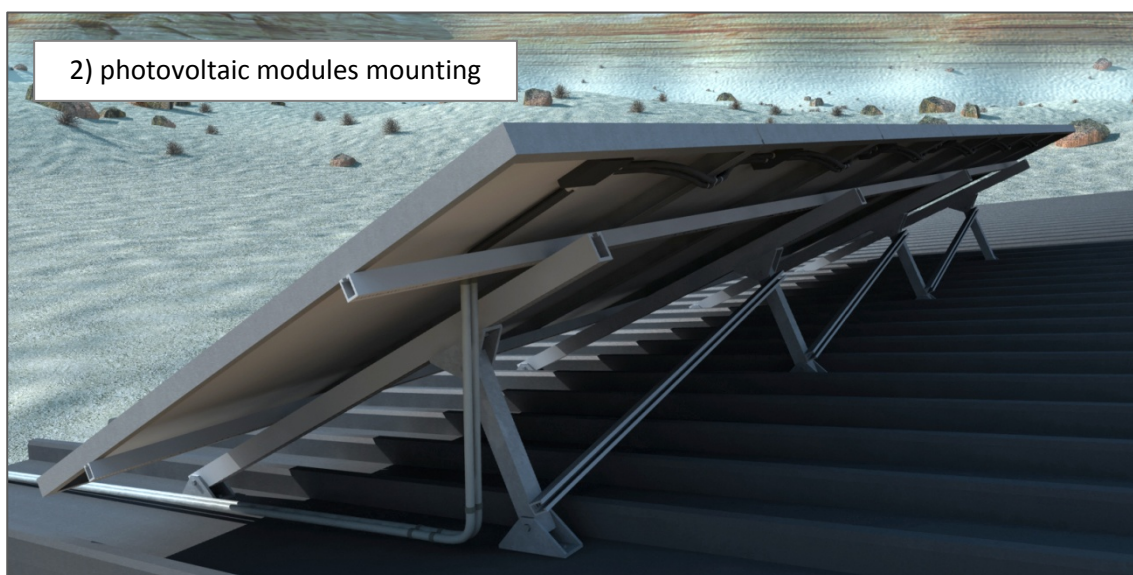
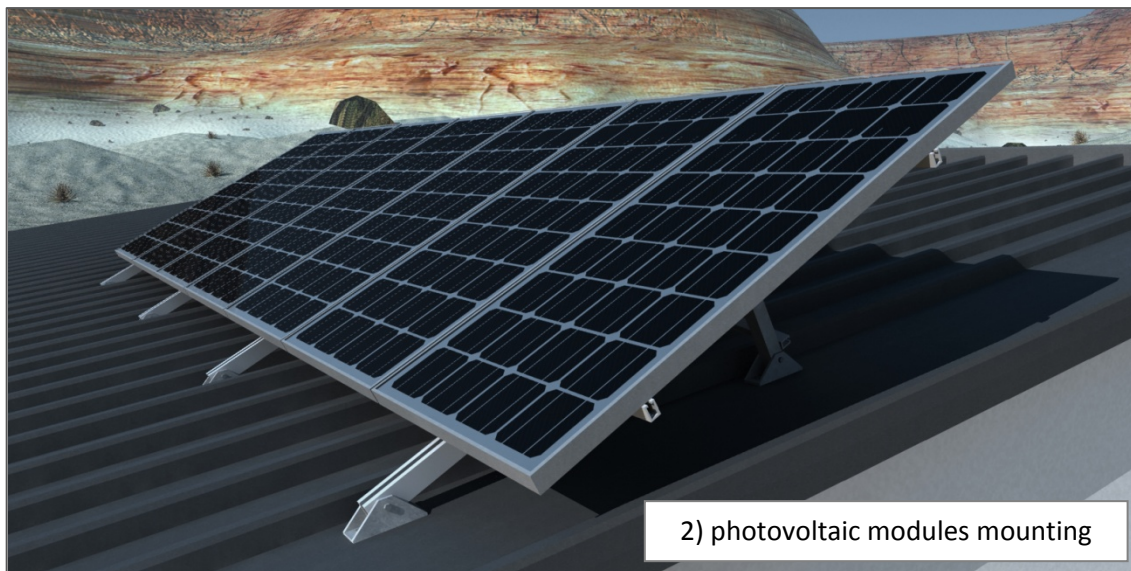


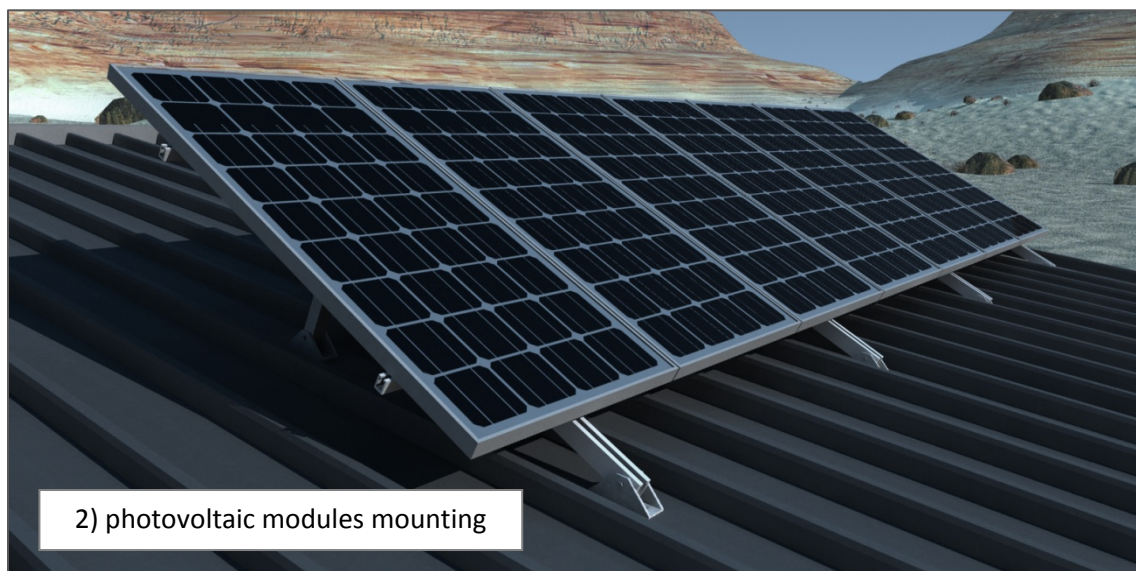
* Guidance sequence determined by the particular conditions

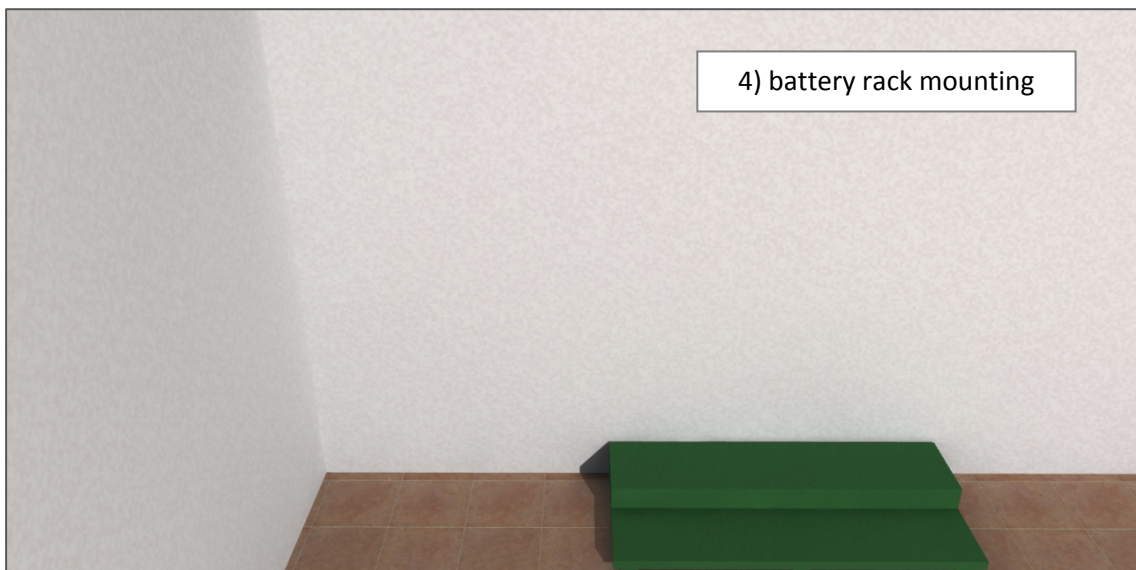


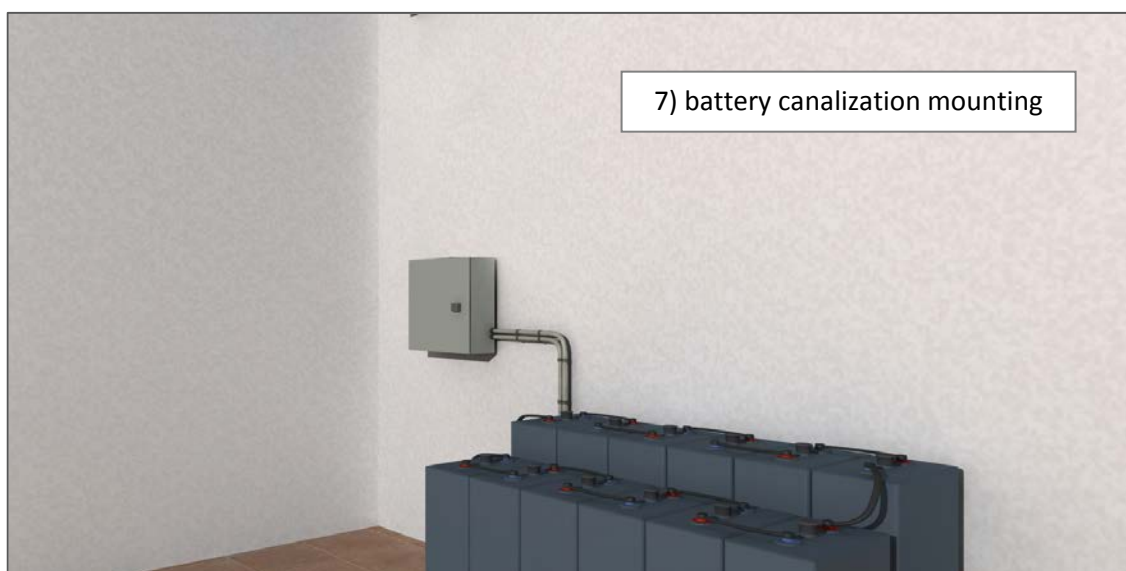


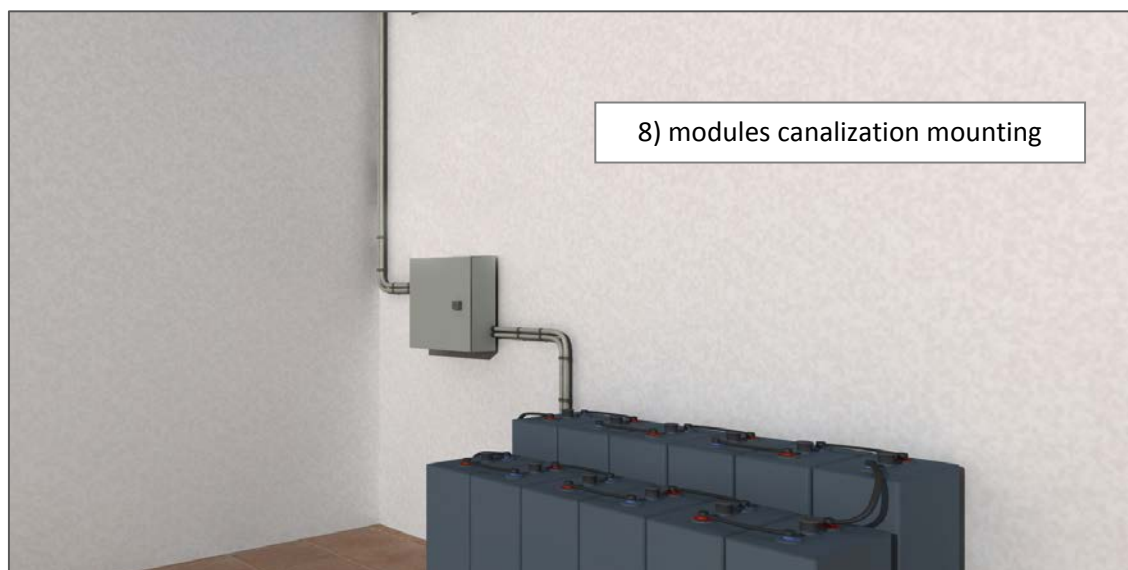


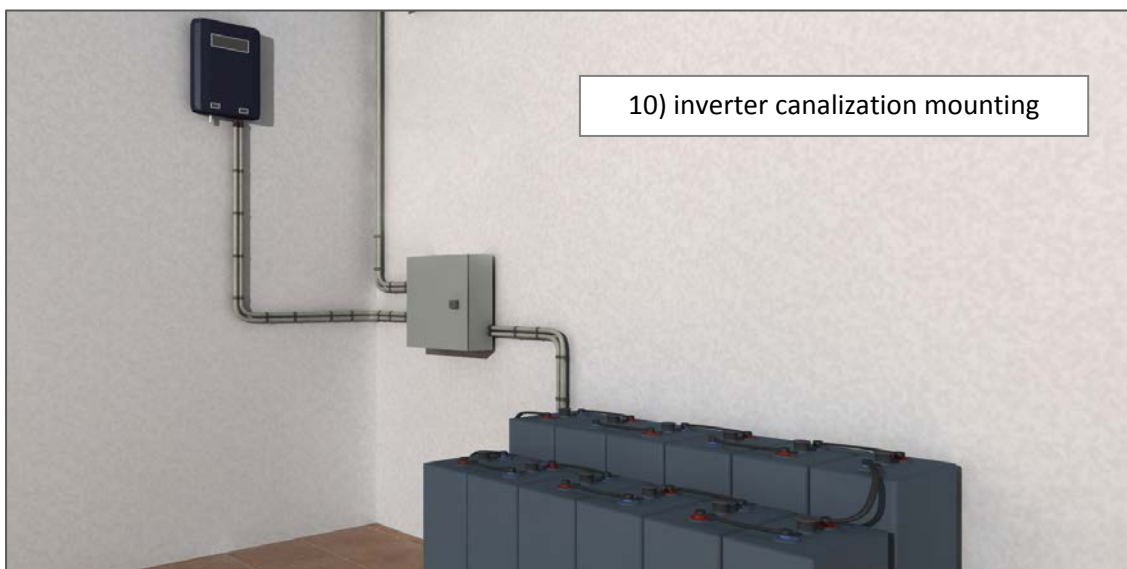












Completed Installation

