

# Solar EV Charging System 5.50 kWp

BEAM SEQUENT  
Engineering & Consultation  
Al-Quds Street Ramallah, Palestine  
www.beamsequent.com

## Project Data

Muhammad Saleem

25°20'41.1"N 51°28'42.8"E

Al Duhail South, Doha, Qatar

## Drawing Details

Project Number	BS-PV-QA-0001
Project Type	Solar EV Charging System
Drawing Name	PV General Layout
Drawing Number	230701-muh_Saleem_ev-00
Drawing Type	Preliminary Design

## Revisions

REV.	DATE	Drawing Type	DRAWN	CHECK	APPROVAL

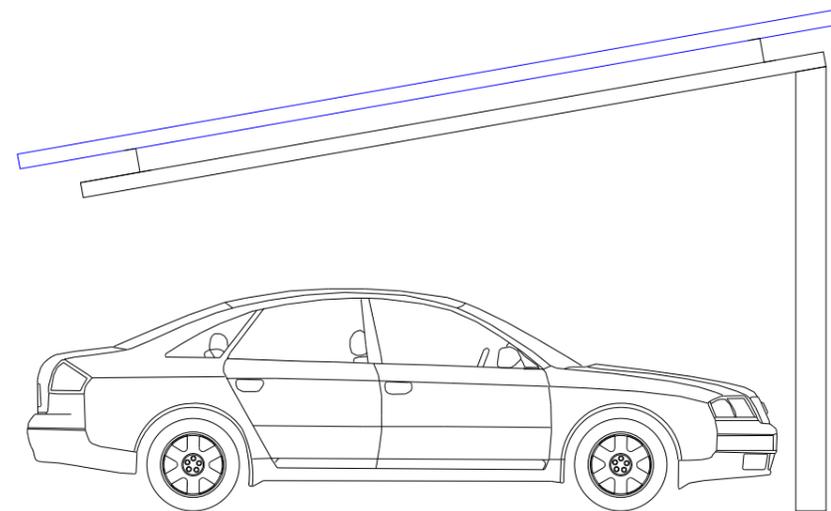
Sheet No. EV-00

Sheet Name COVER SHEET

Sheet Size A3  
297 mm X 420 mm

## General Info

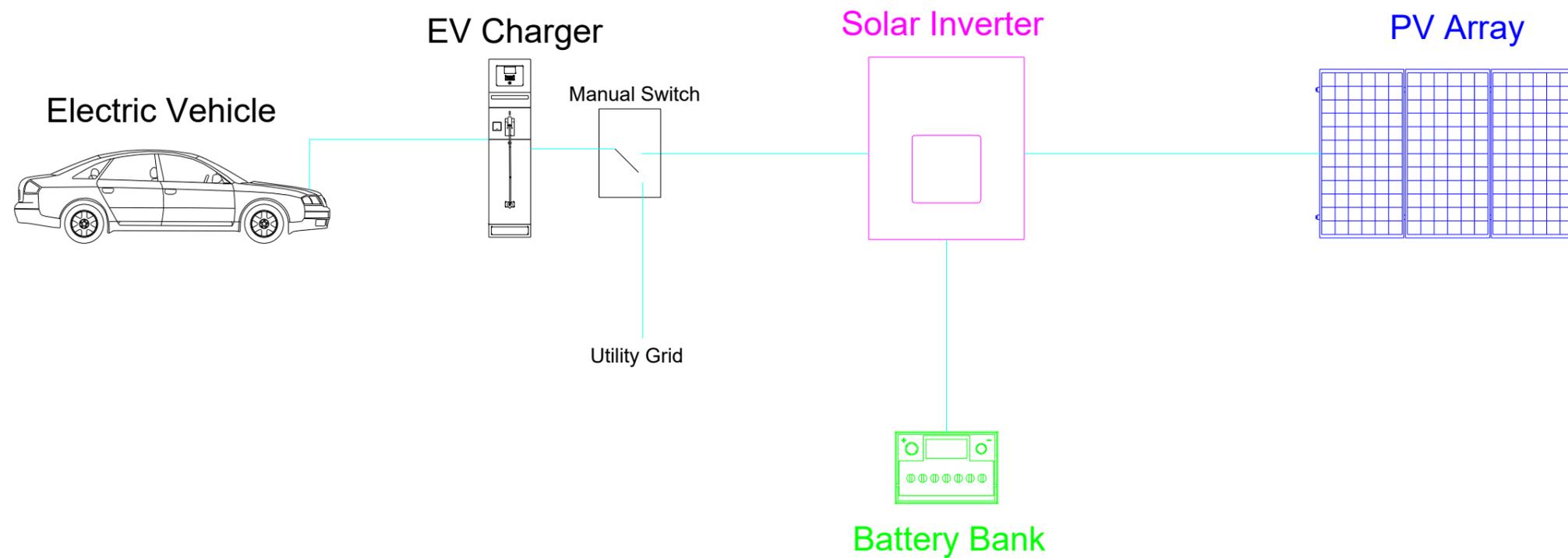
Car Brand	Hyundai
Car Model	Ionic 2018 Electric
Nominal Battery Capacity	28.0 kWh
Charger Input	1-PH, 230V, 50 Hz
Charger Output Current	16 A



## Design Details

PV Modules	10X Jinko 550 Wp
Inverter	PV1800 PRO Series
Battery	NSFD200Q10 12V200Ah COMPACT
System Voltage	48 V
Storage Capacity	19,200 Wh

# System General Scheme



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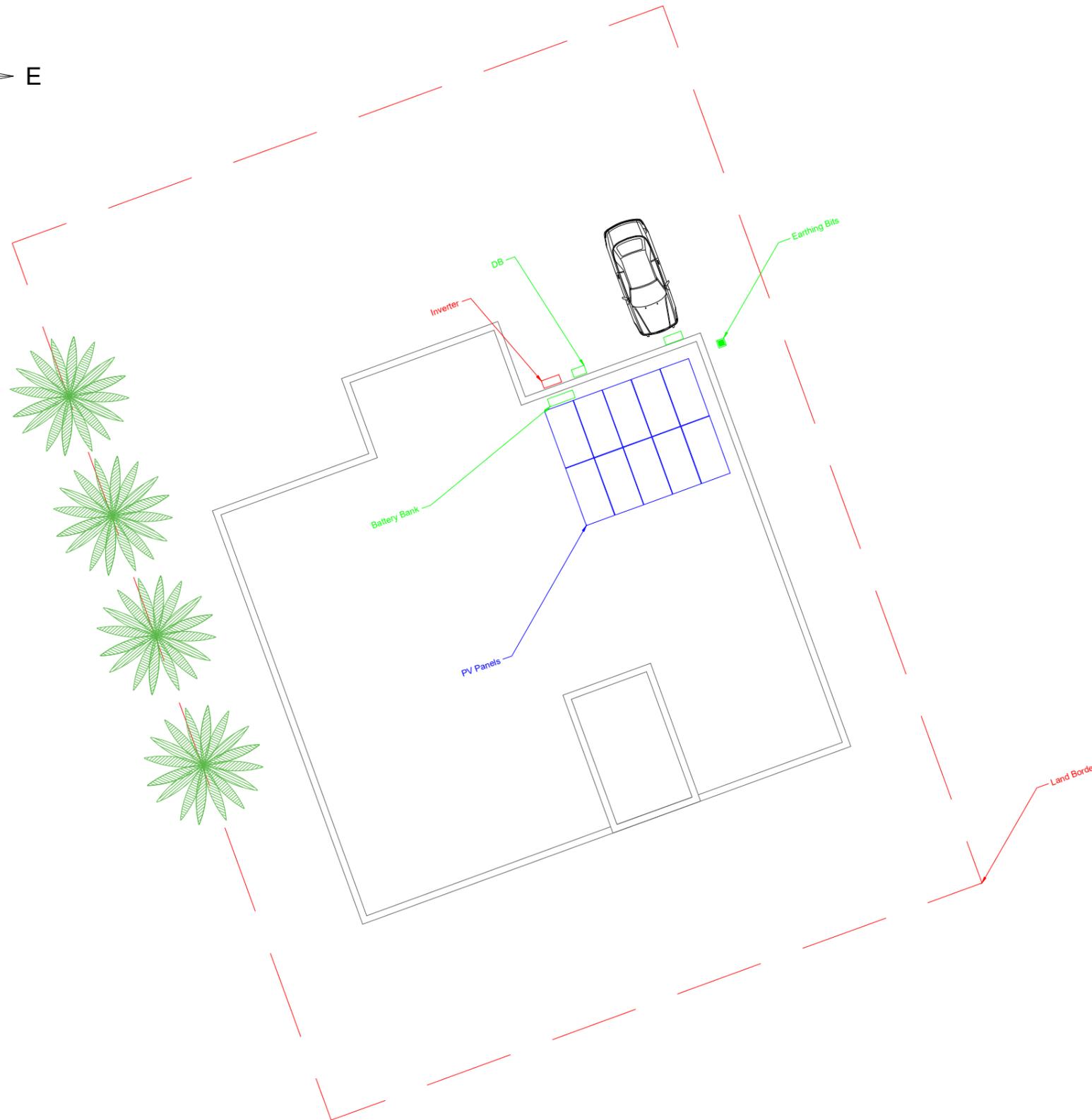
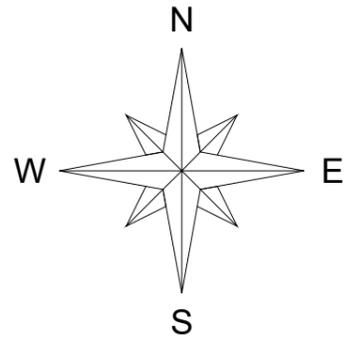
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REV.	DATE	Drawing Type	DRAWN	CHECK	APPROVAL

Sheet No.	EV-01
Sheet Name	System General Scheme
Sheet Size	A3 297 mm X 420 mm

# General Site Plan



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REV.	DATE	Drawing Type	DRAWN	CHECK	APPROVAL

Sheet No.	EV-02
Sheet Name	General Site Plan
Sheet Size	A3 297 mm X 420 mm