PVGreenCard

Powered by SAPVIA

PVGreenCard # 123456

Date of Application :

Date of Approval :

Dol Registered Person :
PV GreenCard Installer :

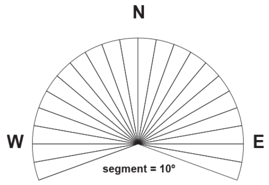
DOL # :
PV GreenCard # :

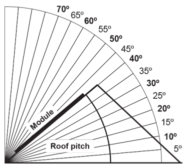
COG # :

Solar PV System Installed

Installed Capacity:

Type of System:





Alignment
Roof Pitch
Notes:

Owner/Operator

,
Email:
Mobile:

Location of System

, ,

Battery Backup System
Multiple Orientation

Installer/Issuing Body

, ,
Email:
Mobile :

Checklist of accompanying documents

Commissioning approval letter from the utility company(Municipality/ Eskom)
Electrical certificates of compliance, completed and signed by the designated installer
Electrical line diagram showing main components
Roof/ array layout and string plan with inverter allocation

For the PV-model used

Technical data sheets
User/installation informatiom
List of serial numbers of all modules
Manufacturer warranty document
Copies of test certificates

For the inverters

Technical data sheets
User/installation informatiom
List of serial numbers of all modules
Manufacturer warranty document
Copies of test certificates

For the DC isolator swichgear

Technical data sheets
User/installation informatiom
List of serial numbers of all modules
Manufacturer warranty document
Copies of test certificates

For the mounting system

Technical data sheets
User/installation informatiom
Structural engineering documents

B.Other documents(as applicable)

Yield and consumption analysis
Documantation of the system monitoring
Please list all other documents not covered in the list above:

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System Components

Modules

Manufacturer 1
Module Type
Installed Capacity
IEC Certified

Manufacturer 2
Module Type
Installed Capacity
IEC Certified
Notes:

Inverters

Manufacturer 1
Inverter Type
Grid Opperator Approved
NRS 097-2-1 Certified

Manufacturer 2
Inverter Type
Grid Opperator Approved
NRS 097-2-1 Certified
Notes:

Cables and Power Lines

	PV String Cable	PV Main Cable (DC)	Power Line (AC)
Manufacturer:			
Type:			
Cross Section:			
Current Carrying Capacity:			

Mounting System

Manufacturer
Type
Location
Design
Fastening system

Roof Hooks

Type
Roof Hooks Installation
Building Requirements Met
Minimised Corrotion Risk

NO IMAGE AVAILABLE

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System Design

Number of Arrays:
Installed Capacity:
Notes:

Sub Array 1

Module Orientation:
Module Pitch:
# of Modules in series per string:
System Operating voltage:
System Operating current:
# of strings:

Grid Connection

Biderectional Meter:
Reverse power blocking:
SANS 10142-1 Complient:
NRS 097-2-3 Complient:

Fire Safety

Smoke and Heat Extraction:
Firewalls and Compartments:
Warning Signs Installed:
Other:

Lightning and Surge Protection

Risk assessment (SANS 62305-2):

Building without lightning Protection

Additional External Protection:
Equipotential Bonding:
Type 2 DC surge arrestor:

OR

Building with lightning Protection

PV System within protection:
Seperation Distance Kept:
Equipotential Bonding:
Type 2 DC surge arrestor:
Type1&2 combination arrestor:

OR

Metal Substructure ties to protection:
Type 1 DC lightning arrestor:
Type 2 DC surge arrestor:
Type1&2 combination arrestor:
Notes:

Electrical Safety

Complies with Rules and Standards:
DC Installation Protection:
UV and Waterproof cables:
Exposed Cable protection:
PV Applicable DC Components:
Notes:

Wind Loads (Roof Mounted Systems)

Load Bearing Assessment:
Aging Condition Assessment:
Anchoring and Load Application:
Roof Penetration:
Height of Building:
Wind Speed Assumption:
Wind Zone Load:
Edge Distance:
Roof Ridge:
Eaves:
Notes:

Commissioning

Date of installation:
Date of First Commissioning :

Disclaimer:

Note: This is a declaration that the PV system described in this document was installed according to current industry best practice standards. This document comprises this cover sheet and Annex 1