



Project Catalogue

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SUCHNETCOM SOLAR LTD NIGERIA

Installed Solar Sites / Power Capacity:

- ✓ Zenith Bank Wuse 2, Abuja FCT - 20KVA 100% off grid
- ✓ Private Residence @ Portharcourt, River State - 11.5KVA
- ✓ Private Residence @ Umunya, Anambra State - 20KVA



Partners



Conformity & Standards



5.5KWp Solar Panel
North End Roof



5.5KWp Solar Panel
North End Roof



5.0KWp Solar Panel
South End Roof



5.0KWp Solar Panel
South End Roof

Project site: Umunya, Anambra State



100% off-grid solar power on all blocks of the residential compound



Residential compound protected with solar electric wired fence



Solar Electric wired fence
12,000Volt high tension



Solar electric fence control
unit

Project site: Umunya, Anambra State



CCTV Surveillance camera,
strobe & alarm sounder



CCTV capturing multiple
locations of the compound



Surveillance camera in a
location



CCTV capturing gate location
of the compound

Project site: Umunya, Anambra State



Solar powered fence lights
"on" during night hours



All loads in Security block

Project site: Umunya, Anambra State



Solar powered house loads "on" during night hours



Solar powered field lights "on" during night hours



Solar powered loads in building interior



Power house loads "on" during night hours



Solar powered loads in building interior



Visitors' block loads "on" during night hours

Project site: Umunya, Anambra State



Solar control units in power room

Project site: Umunya, Anambra State



Solar control & safety units in power room



Pics NII Umunya Proj
Completed 22Sept16 (28)

Power System Description – Umunya, Anambra State

20KVA Solar-Inverter-Battery Power Installation at Umunya in Anambra State of Nigeria, 100% off-grid. Capacity: 10.5KW Solar panel - 20 KVA Power Inverter Unit - 64.5 KWh Battery Bank.

Outputs: 2 x 230 Volts, 50 hertz supplying home loads; 2 x 48Volts, 10 Amperes supplying

Connected Loads

Direct current powered air-condition unit, alternating current powered air-condition unit, over 200 lighting bulbs, 3 fridges, 24 ventilating fans, desktop PC's, laptops, extractor fans, TV's, surveillance (cctv) cameras, wired electric fence, borehole pump, swimming pool circulation pump, etc.

Power Control Centre

Located in a remotely built room within the residential compound. Distance of the farthest located loads connected to Control Centre is 200 meters apart.



Roof Mount Solar Panel - 6KW



Wall Mount Solar Panel – 125W



Power Control Room - 11.5KVA
Inverter, 25KWh Battery Bank



20KVA voltage stabilizer for inverter input

Project site: Portharcourt, River State



High Powered Appliance Automatic Isolator
(AGPOO & PI unit)



Solar Powered Electric Fence Control Unit

Project site: Portharcourt, River State



Solar powered electric fence & human presence
monitoring sensors



Loads "on" during night hours



External loads “on” during night

Project site: Port Harcourt, River State



Interior loads “on” during night hours

Power System Description – Port Harcourt, River State , Nigeria

11.5KVA Solar-Inverter-Battery Power Installation at Port Harcourt, off-grid/grid connected. Capacity: 6.0KW solar panel – 11.5 KVA power inverter units - 25KWh battery bank.

Outputs: 1 x 230 Volts, 50 hertz supplying home loads

Connected Loads

Alternating current powered air-condition unit, over 60 lighting bulbs, 2 fridges, musical set, 10 ventilating fans, laptops, TV's, wired electric fence, etc.

Power Control Centre

Located in a remotely built room within the residential compound. Distance of the farthest located loads connected to Control Centre is 60 meters apart.



Solar powered 5 ATM machine, gallery lights



Solar powered ATM machine, gallery lights, decorative Christmas lights



Solar powered signage, security, perimeter fence lights



Pole-mount solar panel 5.5KW

Project site: Zenith Bank Wuse, Abuja FCT



Pole-mount Solar Panel 5.5KW



Power Control Room



Power Room 20KVA inverter,
72.KWh battery bank



Solar inverter & batter bank

Project site: Zenith Bank Wuse, Abuja FCT



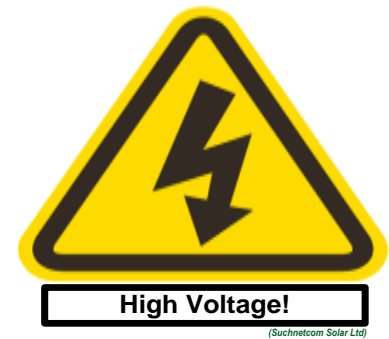
SNCS Ltd at work in Abuja



SNCS Ltd at work in Port Harcourt



SNCS Ltd at work in Umunya-
Anambra



(Suchnetcom Solar Ltd)

Partners



Conformity & Standards

