



Product Catalogue

 **RABUS**
Renewable Energies

Urabus Renewable Energies is dedicated to providing innovative and sustainable renewable energy solutions tailored to meet the unique power needs of Micro, Small and Medium Enterprises (MSME), medical institutions, religious establishments, schools, Shopping Malls, etc. Urabus is committed to driving a cleaner, more affordable energy future for diverse sectors nationwide. We empower businesses across Nigeria with alternative but reliable power to meet their operational needs.

OUR TARGET MARKET



Small and Medium - Size Enterprise (SMEs) -
Small Manufacturing Coy, Real Estates,
Fintechs, MFBs



Healthcare Institutions – Private Hospitals,
Clinics, Diagnostic centers, Pharmacies etc



Hospitality Institutions - Hotels,
Guesthouses, Lounge etc.



Educational Institutions - Private Nursery and Primary
Schools, Secondary schools, Training centers etc.



Religious Bodies - Churches,
Mosques etc.



Others – Eateries, Law Offices,
Bank Branches, Supermarkets, etc

OUR COMMERCIAL MODEL

Urabus offers three flexible commercial models designed to provide accessible and sustainable energy solutions to our clients:

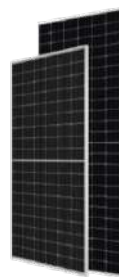
- **Outright Purchase:** With this model, clients can make a full, one-time payment for their preferred energy solution. The outright purchase provides complete ownership of the system, offering immediate access to renewable energy benefits with no further financial obligations.
- **Smart Solar Lease:** A commercial model where customers pay for the electricity they use while making affordable monthly payments toward owning the solar system. There is no interest or extra charges, making it a cost-effective way to switch to solar energy. Over time, customers gain full ownership of the system while enjoying reliable and sustainable power.



Hybrid Inverter
3.5KVA/3.5KW ①



2.56Kwh Battery ②



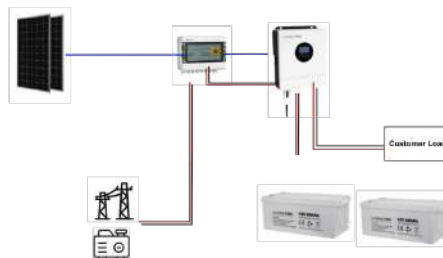
550W Panel ③

RECOMMENDED USE

Commercial use (8 - 7pm) | Pharmacy | Stores
| Barbing saloons | Hair dressing saloons (1
hair dryer) | Schools (computers/laptops |
Bukka/small eatery | Small clinic (dayload).



Combiner Box ④



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Night-time Usage
Ultrasonic Cleaners	1	100	1	100
Bulb 5W	8	120	6	90
ECG/EKG Machines	1	100	1	100
Fan - 50W	3	150	2	100
TV - 100W	2	200	1	100
Fridge	1	150	0	150
Total Loads/h		820W		640W

Outright Purchase: **₦ 2,822,132.78**

Smart Solar Lease:

Monthly Fixed Cost:
₦47,035.55

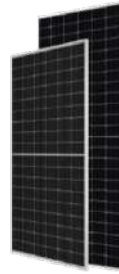
Daily Min. Energy Vend:
₦5,014.00



Hybrid Inverter
3.5KVA/3.5KW ①



2.56Kwh battery ④



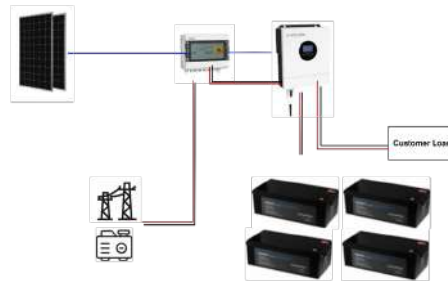
550W Panel ③

RECOMMENDED USE

Hospitals (lighting & fans only) |
Supermarkets | Med laboratories |
Eateries | Churches | Boutiques



Combiner Box ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Day-time Usage
Anesthesia Machines	1	300	1	300
Ultrasonic Cleaners	1	100	0	0
ECG/EKG Machines	2	200	1	100
Bulb - 15W	8	120	6	90
Fan - 50W	3	150	3	150
TV - 100W	2	200	1	100
Laptop 90W	2	180	2	180
Fridge - 150W	1	150	0	0
Total Loads/h		1400W		920W

Outright Purchase: **₦4,772,800.73**

Smart Solar Lease:

Monthly Fixed Cost:
₦79,546.68

Daily Min. Energy Vend:
₦6,446.00



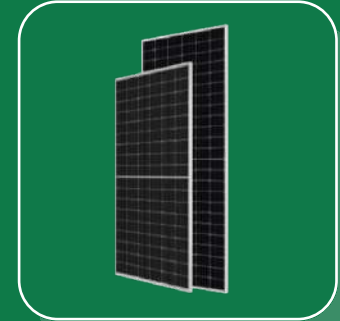
Pure Hybrid inverter
5KW ①



All-in-one Middle cover ①



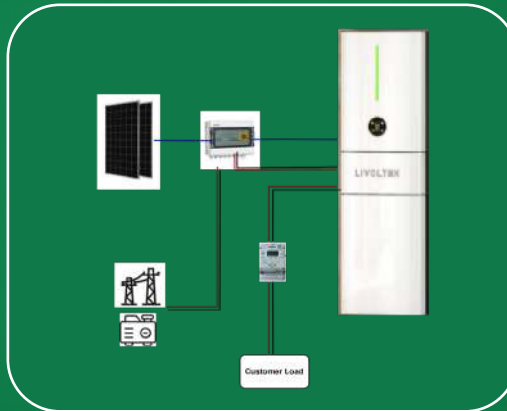
5.12kwh battery ①



550W Panel (10)



Combiner Box ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Day-time Usage
Ultrasonic Cleaners	1	100	0	0
ECG/EKG Machines	2	200	2	200
Anesthesia Machines	1	300	1	300
Bulb - 15W	10	150	8	120
Fan - 50W	4	200	3	150
TV - 100W	2	200	1	100
1H.p Air conditioner - 750W	1	750	0	0
Laptop 90W	2	180	2	180
1H.p Water Pump - 750W	1	750	0	0
Fridge - 150W	1	150	1	150
Total Loads/h		2980W		1200W

RECOMMENDED USE

Saloons | Bar/Lounges | Pharmacy |
Small hospitals | School | Supermarkets
| Offices | Gym houses | Boutiques

Outright Purchase:

₦5,825,894.25

Smart Solar Lease:

Monthly Fixed Cost:
₦97,098.24

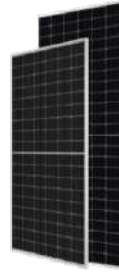
Daily Min. Energy Vend:
₦9,656.50



Hybrid inverter
5KVA/5KW ①



5.12kwh battery ②



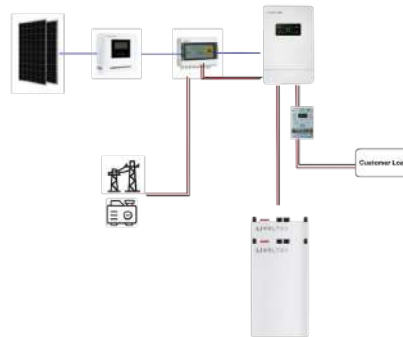
550W Solar Panel (12)



Combiner Box ①



MPPT solar charge
controller, ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Bulb 15W	10	150	8	120
Fan 50W	6	300	5	250
TV 100W	2	200	1	100
1hp Air conditioner 750W	1	750	1	750
Laptop 90W	2	180	2	180
1.5hp Water Pump 1120W	1	750	0	0
Anesthesia Machines	1	300	1	300
ECG/EKG Machines	2	200	2	200
Fridge 200W	1	200	1	200
Ultrasonic Cleaners	1	100	0	0
Total Loads/h		3130W		2100W

RECOMMENDED USE

Saloons | Bar/lounges | Pharmacy | Small hospitals | Schools | Supermarkets | Offices | Gym houses | Boutiques

Outright Purchase: **₦6,653,545.80**

Smart Solar Lease:

Monthly Fixed Cost:
₦110,892.43

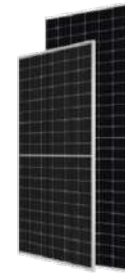
Daily Min. Energy Vend:
₦12,928.50



Hybrid Inverter
6.2KVA/6.2KW ①



5.12kwh battery ①



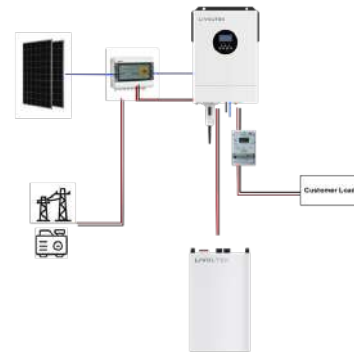
550W Panel ②

RECOMMENDED USE

Farms | Schools | Eateries | Hospitals |
Pharmacies | Mini marts | Bar/lounges | Large
offices | Gym house | Pure water factory



Combiner Box ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Ultrasonic Cleaners	1	100	1	100
Anesthesia Machines	1	300	1	300
ECG/EKG Machines	2	200	2	200
Bulb - 15W	10	150	8	120
Fan - 50W	6	300	5	250
TV - 100W	2	200	1	100
1H.p Air conditioner - 750W	2	1500	1	750
Laptop - 90W	2	180	2	180
1.5H.p Water Pump - 1120W	1	750	0	0
Fridge - 200W	1	200	1	200
Total Loads/h		3880W		2200W

Outright Purchase:

₦3,812,267.25

Smart Solar Lease:

Monthly Fixed Cost:
₦63,537.79

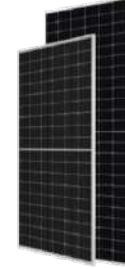
Daily Min. Energy Vend:
₦6,699.00



Hybrid Inverter
6.2KVA/6.2KW ①



5.12kWh battery ②



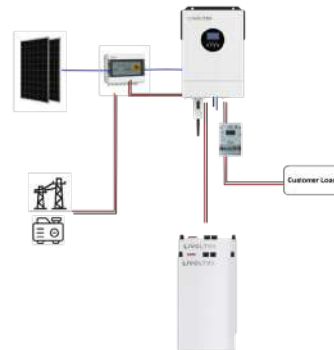
550W Panel (15)

RECOMMENDED USE

Farms | Schools | Eateries | Hospitals |
Pharmacies | Mini marts | Bar/lounges | Large
offices | Gym house | Pure water factory



Combiner Box ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Ultrasonic Cleaners	1	100	1	100
Anesthesia Machines	1	300	1	300
Fridge - 250W	1	250	1	250
ECG/EKG Machines	2	200	2	200
Bulb - 15W	12	180	10	150
Fan - 50W	6	300	6	300
TV - 100W	3	300	1	100
1H.p Air conditioner - 750W	2	1500	1	750
Printer - 220W	1	220	0	0
Laptop - 90W	2	180	2	180
1.5H.p Water Pump - 1120W	2	1500	0	0
Total Loads/h		5030W		2330W

Outright Purchase: **₦6,775,934.55**

Smart Solar Lease:

Monthly Fixed Cost:
₦112,932.24

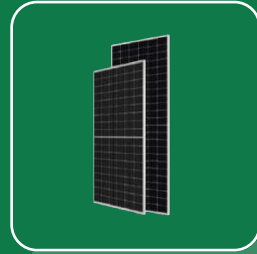
Daily Min. Energy Vend:
₦13,702.00



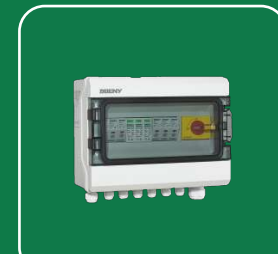
Hybrid inverter
5KVA/5KW ②



5.12kwh battery ②



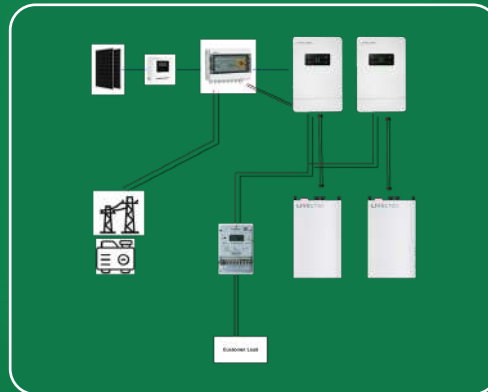
550W Panel (18)



Combiner Box ①



CMPPT solar charge
controller, ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Anesthesia Machines	2	600	1	300
ECG/EKG Machines	2	200	2	200
Ultrasonic Cleaners	1	100	1	100
Heart-Lung Machines	1	1200	0	0
Bulb - 5W	20	100	16	240
Fan - 50W	5	250	10	500
TV - 280W	3	840	2	200
1.5H.p Air conditioner - 1120W	3	3360	4	3000
Laptop - 90W	2	180	2	180
1.5H.p Water Pump - 1120W	1	1120	0	0
Home Theatre - 200W	1	200	1	200
Freezer - 200W	2	400	1	800
Fridge - 400W	2	800	1	250
Total Loads/h		9350W		5970W

RECOMMENDED USE

Large residential premises (24hrs) | Commercial use (8 - 5pm) | Hospitals
| Schools | Eateries | Farms | Diagnostic centres | Bar/lounges | Small malls
| Offices | Printing press | Pure water factory | Churches/mosques

Outright Purchase:

₦8,655,446.25

Smart Solar Lease:

Monthly Fixed Cost:
₦144,257.44

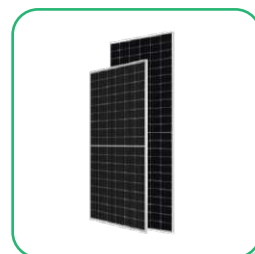
Daily Min. Energy Vend:
₦17,505.50



Hybrid Inverter
5KVA/5KW ②



5.12kwh Battery ④



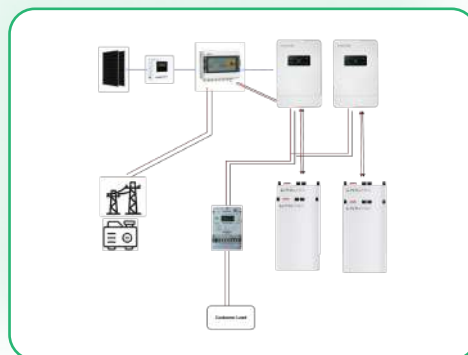
550W Panel (24)



Combiner Box ①



MPPT solar charge
controller, ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Anesthesia Machines	2	600	1	300
ECG/EKG Machines	2	200	2	200
Ultrasonic Cleaners	1	100	1	100
Heart-Lung Machines	1	1200	1	1200
Bulb - 5W	20	100	16	240
Fan - 50W	5	250	10	500
TV - 280W	3	840	2	200
1.5H.p Air conditioner - 1120W	3	3360	2	1500
Laptop - 90W	2	180	2	180
1.5H.p Water Pump - 1120W	1	1120	0	0
Freezer - 200W	2	400	2	400
Printer - 600W	2	1200	0	0
Phone Charger 60W	5	300	5	300
Total Loads/h		9850W		5120W

RECOMMENDED USE

Hotels | Hospitals | Supermarkets | Med. Labs | Eateries | Filling stations
| Pure water factory | Showrooms | Big Offices | Churches | Gym

Outright Purchase:

₦13,175,594.85

Smart Solar Lease:

Monthly Fixed Cost:
₦219,593.25

Daily Min. Energy Vend:
₦23,192.00



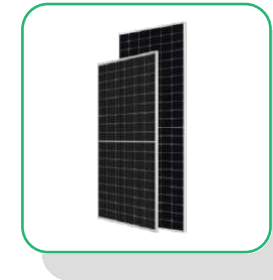
Pure Hybrid Inverter
10KW ①



High Voltage Control Box ①



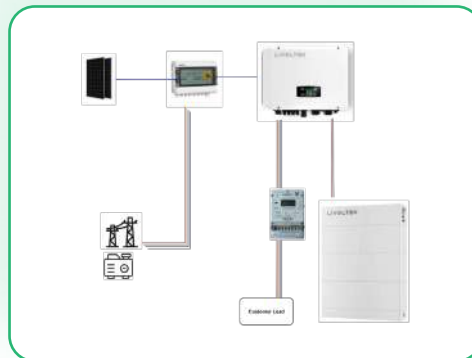
5.12kWh battery ③



550W Panel (24)



Combiner Box ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Ultrasonic Cleaners	1	100	1	100
ECG/EKG Machines	2	200	2	200
Heart-Lung Machines	1	1200	1	1200
Anesthesia Machines	2	600	2	600
Bulb - 15W	20	300	16	240
Fan - 50W	10	500	10	500
TV - 100W	3	300	1	100
1.5H.p Air conditioner - 1120W	4	4480	3	2250
Laptop - 90W	2	180	2	180
1.5H.p Water Pump - 1120W	1	1120	0	0
Freezer - 200W	2	400	2	400
Phone Charger 60W	5	300	5	300
Total Loads/h		9680W		6070W

RECOMMENDED USE

Hotels | Hospitals | Supermarkets | Med. Labs | Eateries | Filling stations
| Pure water factory | Showrooms | Big Offices | Churches | Gym

Outright Purchase:

₦16,791,167.25

Smart Solar Lease:

Monthly Fixed Cost:
₦279,852.79

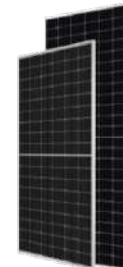
Daily Min. Energy Vend:
₦29,547.50



Hybrid Inverter
6.2KVA/6.2KW ②



5.12kwh Battery ③



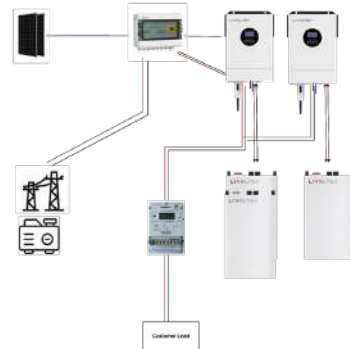
550W Panel (20)

RECOMMENDED USE

Hotels | Hospitals | Supermarkets | Med. Labs |
Eateries | Filling stations | Pure water factory |
Showrooms | Big Offices | Churches | Gym



Combiner Box ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Ultrasonic Cleaners	2	200	1	100
ECG/EKG Machines	2	200	2	200
Heart-Lung Machines	1	1200	1	1200
Centrifuges	2	2000	1	1000
Anesthesia Machines	2	600	2	600
Bulb - 15W	20	300	16	240
Fan - 50W	10	500	10	500
TV - 100W	3	300	1	100
1.5H.p Air conditioner - 1120W	4	4480	4	4480
Laptop - 90W	3	270	2	180
1.5H.p Water Pump - 1120W	1	1120	0	0
Freezer - 200W	3	600	2	400
Total Loads/h		11770W		9000W

Outright Purchase: **₦10,316,650.58**

Smart Solar Lease:

Monthly Fixed Cost:
₦171,944.18

Daily Min. Energy Vend:
₦18,286.00

15KW PACKAGE

Product Catalogue

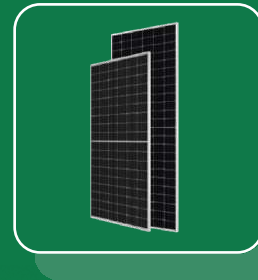
11



Hybrid inverter
5KVA/5KW ③



5.12kwh Battery ③



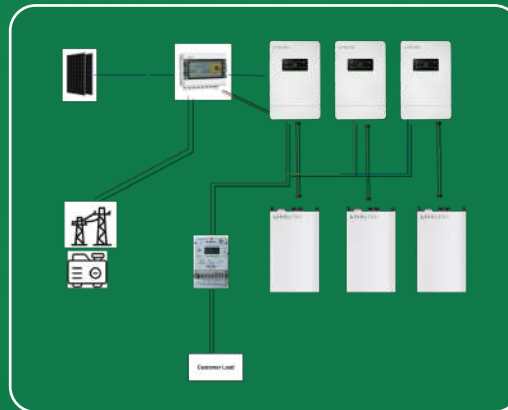
550W Panel (24)



Combiner Box ①



CMPPT solar charge
controller, ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Ultrasonic Cleaners	2	200	1	100
ECG/EKG Machines	2	200	2	200
Centrifuges	2	1000	1	1000
Anesthesia Machines	2	600	2	600
Heart-Lung Machines	1	1200	1	1200
Bulb - 5W	20	100	16	240
Fan - 50W	5	250	10	500
TV - 280W	3	840	2	200
1.5H.p Air conditioner - 1120W	3	3360	4	3000
Laptop - 90W	2	180	2	180
1.5H.p Water Pump - 1120W	1	1120	0	0
Home Theatre - 200W	1	200	1	200
Freezer - 200W	2	400	0	0
Phone Charger 60W	5	300	5	300
Fridge - 400W	2	800	1	400
Total Loads/h		10750W		7970W

RECOMMENDED USE

Hotels | Hospitals | Supermarkets | Med. Labs | Eateries | Filling stations
| Pure water factory | Showrooms | Big Offices | Churches | Gym

Outright Purchase:

₦12,336,558.30

Smart Solar Lease:

Monthly Fixed Cost:
₦205,609.31

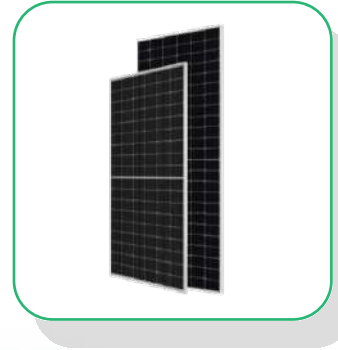
Daily Min. Energy Vend:
₦21,742.50



Hybrid Inverter
6.2KVA/6.2KW ③



5.12kwh Battery ④



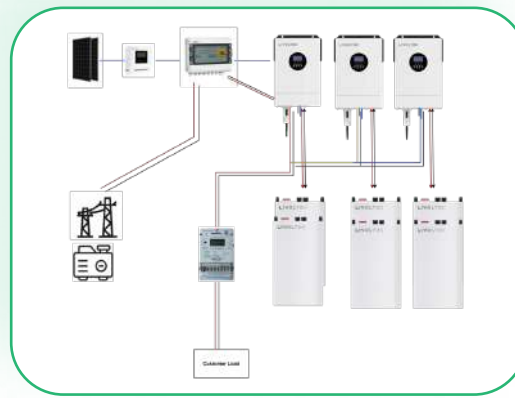
550W Panel (36)

RECOMMENDED USE

Hotels | Hospitals | Supermarkets | Med. Labs |
Eateries | Filling stations | Pure water factory |
Showrooms | Big Offices | Churches | Event
Centers



Combiner Box ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Ultrasonic Cleaners	2	200	1	100
ECG/EKG Machines	2	200	2	200
Centrifuges	2	2000	1	1000
Anesthesia Machines	2	600	2	600
Heart-Lung Machines	1	1200	1	1200
Bulb - 5W	20	100	16	240
Fan - 50W	5	250	10	500
TV - 280W	3	840	2	200
1.5H.p Air conditioner - 1120W	3	3360	4	3000
Laptop - 90W	2	180	2	180
1.5H.p Water Pump - 1120W	1	1120	0	0
Home Theatre - 200W	1	200	1	200
Freezer - 200W	2	400	0	0
Phone Charger 60W	5	300	5	300
Fridge - 400W	2	800	2	800
Total Loads/h		11750W		8520W

Outright Purchase: **₦18,989,250.23**

Smart Solar Lease: Monthly Fixed Cost: **₦316,487.50** Daily Min. Energy Vend: **₦33,450.00**



Pure Hybrid Inverter
30KW ①



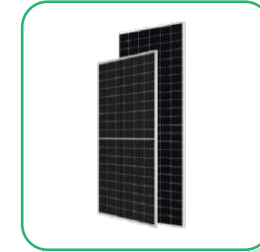
High Voltage Control Box ①



5.12kwh Battery ④



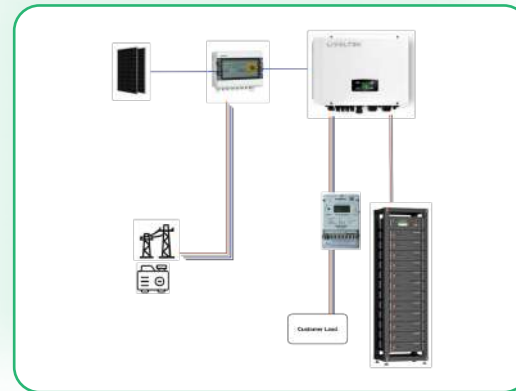
Mounting Rack ①



550W Panel (60)



Combiner Box ①



APPLIANCE - Power	Quantity - Day-time	Power Consumption (W)	Quantity - Night-time	Power Consumption (W)
Ultrasonic Cleaners	4	400	1	100
ECG/EKG Machines	4	400	2	200
Centrifuges	2	2000	1	1000
Anesthesia Machines	2	600	2	600
Heart-Lung Machines	2	2400	1	1200
Bulb - 5W	20	100	16	240
Fan - 50W	5	250	10	500
TV - 280W	3	840	2	200
1.5H,p Air conditioner - 1120W	3	3360	4	3000
Laptop - 90W	2	180	2	180
1.5H,p Water Pump - 1120W	1	1120	0	0
MRI Machines	1	12000	0	0
Freezer - 200W	2	400	0	0
Phone Charger 60W	5	300	5	300
Fridge - 400W	2	800	2	800
Total Loads/h		25150W		8320W

RECOMMENDED USE

Hotels | Hospitals | Supermarkets | Med. Labs | Eateries |
Filling stations | Pure water factory | Showrooms | Big
Offices | Churches | Event Centers | Boarding Schools

Outright Purchase:

₦31,124,578.65

Smart Solar Lease:

Monthly Fixed Cost:
₦518,742.98

Daily Min. Energy Vend:
₦54,635.00

