



FOUANI
G r o u p

SOLAR POWER BRANDS



ABOUT FOUANI

Fouani Group is a multinational enterprise operating in Nigeria, Guinea, Gambia, Congo and Liberia.

Since its inception, Fouani Group has excelled in multiple industries, establishing itself as a leading player in large-scale electronics manufacturing and assembly, as well as electronics distribution.

Additionally, the company has made a significant impact in the fast-moving consumer goods (FMCG) sector, cementing its position as a distinguished name in these industries.

Fouani Group's distinction is highlighted by its trade in a range of high-end brands, including but not limited to LG, Hisense, and Maxi. This diverse portfolio of prestigious brands sets Fouani Group apart from its competitors and establishes the company as a prominent player in the industry.



FOUANI NIGERIA

Fouani Nigeria Ltd, a subsidiary to the Fouani Group, was founded in 2001 and quickly rose to success, carving an undisputed name and place in a challenging market.

Providing products and services to multinational businesses and conglomerates, as well as many private clients, Fouani Nigeria became the solution to many of the consumer's needs.

What started out as a single outlet in 2001, is now over 50 nation-wide outlets in major cities.

This distinguished expansion was not possible without a great customer satisfaction and a positively encouraging feedback towards our services and products as well as the customer accessibility and the user-friendly methodology we follow to cater to all needs.



I N T R O D U C I N G O U R

SOLAR POWER SOLUTIONS BRANDS



HUAWEI POWER-M

Say Goodbye to Power Outage



- Active Safety
- Seamless Switchover
- Silent and Sleek Design
- Reliable 24 Hours Power Supply
- Built-in Energy Optimizer

**Supplementary
Power Supply,
24-hours Uninterrupted
Power**

References Configuration & Application Scenarios

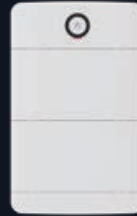
*Recommended configuration only for reference, result might vary.

2.5 kW + 5 kWh | 3 - 4 hrs | 1750W



Lamp x2
Home Theatre x2
TV & Console x2
Blender x1
Fan x1
Refrigerator x1
Washing Machine x1

5.0 kW + 10 kWh | 3 - 4 hrs | 3150W



Lamp x3
Home Theatre x3
TV & Console x3
Blender x1
Fan x2
Refrigerator x1
Inverter AC x1
Washing Machine x1

5.0 kW + 15 kWh | 3 - 4 hr | 4150W



Lamp x3
Home Theatre x3
TV & Console x3
Blender x1
Fan x2
Refrigerator x1
Microwave x1
Inverter AC x1
Washing Machine x1

10 kW + 20 kWh | 3 - 4 hr | 7950W



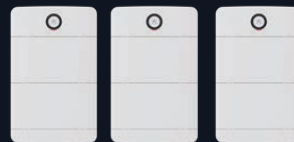
Lamp/Home Theatre x3
TV & Console x3
Blender x1
Fan x2
Refrigerator x1
Electric Kettle x1
Electric Iron x1
Microwave x1
Inverter AC x2
Washing Machine x1

10 kW + 30 kWh | 4 - 5 hr | 7950W



Lamp/Home Theatre x3
TV & Console x3
Blender x1
Fan x2
Refrigerator x1
Electric Kettle x1
Electric Iron x1
Microwave x1
Inverter AC x2
Washing Machine x1

15 kW + 30 kWh | 3 - 4 hr | 10000W



Lamp/Home Theatre
TV & Console x4
Blender x1
Fan x4
Refrigerator x3
Electric Kettle x1
Electric Iron x1
Microwave x1
Inverter AC x3
Washing Machine x1

15 kW + 45 kWh | 4 - 5 hr | 10000W



Lamp/Home Theatre x4
TV & Console x4
Blender x1
Fan x4
Refrigerator x3
Electric Kettle x1
Electric Iron x1
Microwave x1
Inverter AC x3
Washing Machine x1

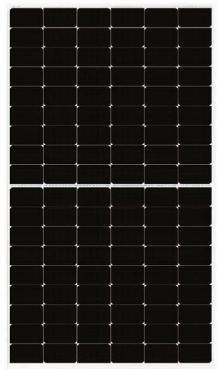




Solar **Jinko**

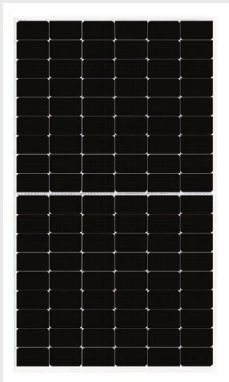


Building Your Trust in Solar



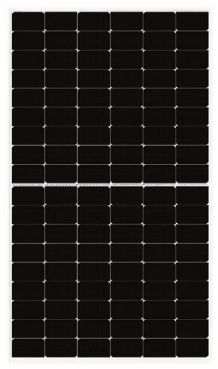
**440W Monofacial Solar Panel
JINKOSP440N-54HL4-V**

N-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 1762x1134x30mm



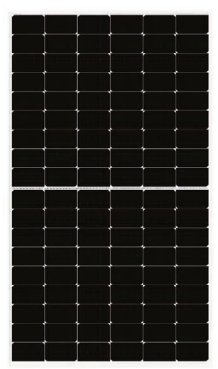
**475W Monofacial Solar Panel
JINKOSP475N-60HL4-V**

N-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 1903x1134mmx30mm



**550W Monofacial Solar Panel
JKM540-72HL4-(V)-F3-EN**

P-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 2278x1134x35mm



**580W Monofacial Solar Panel
JINKOSP580N-72HL4-V**

N-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 2278x1134x35mm





Smart Energy for a **G**reen Future

G powering tomorrow
growatt



SPF 3500ES

- Hybrid
- Integrated MPPT charge controller.
- Equalization charging function.
- Work with or without battery
- Configurable grid or solar input priority.
- Optional WIFI/GPRS remote monitoring
- Support parallel operation for capacity expansion up to 30KW (6 units maximum).
- PV and grid power the load jointly if PV energy is insufficient.
- Flexibly schedule the inverter charging and discharging time.
- PV input voltage up to 450VDC.
- Battery type: Lithium/Lead Acid
- Rated Power: 3500VA
- Maximum Solar Charge Current: 80A
- Maximum PV Array Power 4500W
- Inverter Output 3.5KW
- 48V Battery voltage
- 2 Years Warranty



SPH 3600TL-BL-UP

- Hybrid
- Single Phase
- 2MPPT
- Smart Load Management
- UPS Function < 10MS Transition
- 1.5 DC/AC Ratio
- Max Recommended PV Power 6000W
- Inverter Output 3.6KW
- 10 Pcs Parallel (Grid Tied)
- 5 Years Warranty



SPF 5000ES

- Hybrid
- Integrated MPPT charge controller.
- Equalization charging function.
- Work with or without battery.
- Configurable grid or solar input priority.
- With WIFI/GPRS remote monitoring
- Support parallel operation for capacity expansion up to 30KW (6 units maximum).
- PV and grid power the load jointly if PV energy is insufficient.
- Flexibly schedule the inverter charging and discharging time.
- Maximum PV Array Power 6000W
- PV input voltage up to 450VDC.
- Battery type: Lithium/Lead Acid
- Rated Power: 5000VA
- Maximum Solar Charge Current: 100A
- Inverter Output 5KW
- 48V Battery voltage
- 2 Years Warranty



SPH 5000TL-BL-UP

- Hybrid
- Single Phase
- 2MPPT
- Smart Load Management
- UPS Function < 10MS Transition
- 1.5 DC/AC Ratio
- Max Recommended PV Power 9500W
- Inverter Output 5KW
- 10 Pcs Parallel (Grid Tied)
- 5 Years Warranty



SPF 3000TL-HVM-48

- Hybrid
- Integrated MPPT charge controller
- Configurable grid or solar input priority
- Optional WIFI/ GPRS remote monitoring
- WIFI Dongle Included for Monitoring
- Maximum PV Array Power 2400W
- Maximum PV Array Open Circuit Voltage: 145VDC
- Rated Power: 3000VA
- Efficiency 93%
- Maximum Solar Charge Current: 40A
- Inverter Output 3KW
- 48V Battery voltage
- 2 Years Warranty



SPH 8000TL3-BH-UP

- Hybrid
- Three Phase
- 2MPPT
- Smart Load Management
- UPS Function < 10MS Transition
- 1.5 DC/AC Ratio
- Max Recommended PV Power 12000W
- Inverter Output 8KW
- 10 Pcs Parallel (Grid Tied)
- 5 Years Warranty



SPF 5000TL-HVM-P

- Hybrid
- Low Frequency
- Integrated MPPT Charge controller
- WIFI Dongle Included for Monitoring
- Configurable grid or Solar input priority
- Optional WIFI/ GPRS remote monitoring
- Maximum PV Array Power 5000W
- Efficiency 93%
- Inverter Output 5KW
- 48V Battery voltage
- 2 Years Warranty
- 6 Pcs in Parallel Connection



SPH 10000TL3-BHUP

- Hybrid
- Three Phase
- 2MPPT
- Smart Load Management
- UPS Function < 10MS Transition
- 1.5 DC/AC Ratio
- Max Recommended PV Power 15000W
- Inverter Output 10KW
- 10 Pcs Parallel (Grid Tied)
- 5 Years Warranty



GROWSHINWIFI-X

- Wifi Monitoring Device
- 1 Year Warranty





Growatt

PYLONTECH

Jinko Solar



Liberating Your Energy Sustainability





Model

US2000C



Pylontech US2000C
2.4kWh Lithium Ion Battery
PYLONBATUS2000C

US3000C



Pylontech US3000C
3.55kWh Lithium Ion Battery
PYLONBATUS3000C

UP5000C



Pylontech UP5000C
4.8kWh Lithium Ion Battery
PYLONBATUP5000C

Basic Parameters

Nominal Voltage	48Vdc	48Vdc	48Vdc
Nominal Capacity (KWh)	2.4	3.55	4.8
Usable Capacity (KWh)	2.28	3.37	4.56
Dimension (mm)	442x410x89	442x410x132	442x410x165
Weight (Kg)	22.5	32	40
Charge/Discharge Current (A) (Recommended)	25	37	50
Charge/Discharge Current (A) (Max Continuous)	25	37	50
Charge/Discharge Current (A) (Peak 1)	50-89@60sec	74-89@60sec	89@60sec
Charge/Discharge Current (A) (Peak 2)	90-200@15sec	90-200@15sec	200@15sec
Communication Port	RS485, CAN		
Single String Quantity (Pcs)	16	16	16
Working Temperature (C) (Charge)	0-50		
Working Temperature (Discharge) (Charge)	-10-50		
Shelf Temperature (C)	-20-60		
Short Current/Duration Time	<4000A/2ms	<4000A/2ms	<4000A/2ms
IP Rating	IP20		
Cooling Type	Natural		
Humidity	5% ~ 95%(RH) No Condensation		
Altitude (M)	<4000		
Design Life	15+ Years (25°C/77°F)		
Cycle Life	>8000 25°C	>8000 25°C	>6000 25°C
Certification	UL1642/IEC62619 /ICE63056 /ICE61000-6-2/3 UN38.3	UL1973/UL1642 UL9540A/VDE2510-50 /IEC63056/IEC62619 /IEC62040/IEC62477-1 /ICE61000-6-2/UN38.3	IEC62619/UL1973 /UL9540A/CE /UN38.3

<https://www.fouani.com/ng>



During normal operation of the equipment, the average noise level complies with the the standard within the discrepancy range.

The above results are lab test results. Due to many uncertain factors in practice, the actual results may be different from the forecast information. Therefore, the information in this document is for reference only and does not constitute any offer or commitment.

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