

PRODUCT CATALOGUE

CONTACT US ON
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LOCATION
KCB ENTERPRISE PLAZA

Visit our website|: www.billsonsolar.com



BILLS ON SOLAR
EA LIMITED
More Sunshine, Zero Bills, No Power Interruption

SOLAR PANELS

JA 600W BIFACIAL SOLAR PANEL: HIGH-EFFICIENCY ENERGY SOLUTION

Brand Name: JA Solar
Cell size: 210mmx210mm
Solar Panel Efficiency:22.4%
Solar Panel Size: 2465*1134*35mm
Model Number: JAM78D40 MB 600-625W
Solar Cells: Mono-16BB
No. of Cells: 156(6×26)
Weight:34.6kg
Cable Cross Section Size:4mm²(IEC),12 AWG(UL)
Junction Box:IP68,3 diodes
Packaging:31pcs/Pallet,496pcs/40HQ Container
Warranty: 30 YEARS.



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SOLAR PANELS

JINKO SOLAR 550 WATTS MONOCRYSTALLINE SOLAR PANEL

Tiger Pro 72HC 530-550 Watt MBB HC
Technology MONO-FACIAL MODULE
Positive power tolerance of 0~+3%
ISO9001:2015: Quality Management System
ISO14001:2015: Environment Management System
ISO45001:2018 Occupational health and safety management systems



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SOLAR PANELS

JINKO BIFICIAL 585W SOLAR PANEL

- 1.Power: 585 watts
- 2.Maximum system voltage: 1500 V (IEC certified)
- 3.Frame color: Silver
- 4.Efficiency: 22.65 %
- 5.Dimensions: 2278 × 1134 × 30 mm (H x W x D)
- 6.Weight: 31.0 kg
- 7.Cable length: 1.60 m
- 8.Connector type: MC4-EVO2
- 9.Protection category: IP68
- 10.Power temperature coefficient Pmax: -0.30% /°C



INVERTERS

**AVAILABLE IN:
OFF-GRID INVERTERS | HYBRID INVERTERS |
GRID-TIE INVERTERS**



**HINEN 12KW
THREE-PHASE HYBRID
INVERTER H12000H-EU**



**HINEN 6KW OFF
GRID INVERTER
H6000-OG**



**HINEN 6KW
SINGLE-PHASE HYBRID
INVERTER H6000-EU**



**6KW 10KWH ALL IN ONE
MEGATANK
POWERSTATION GE0610H**



**GOODWE 125KW GT
SERIES 3-PHASE GRID
TIE INVERTER**



**DEYE 16KW HYBRID
SINGLE PHASE SOLAR
INVERTER DUAL MPPT**



**MUST 2.2KVA 24V 60A
HYBRID SOLAR INVERTER**



**MUST 10KVA 48V 100A
LOW FREQUENCY HYBRID
SOLAR INVERTER**



**MUST 1.5KVA 12V 60A
SOLAR INVERTER**



**HUAWEI
SUN2000-100KTL-M2
INVERTER**



**HUAWEI
SUN2000-50KTL-M3**



**HUAWEI
SUN2000-30KTL-M3**

INVERTERS

AVAILABLE IN:
OFF-GRID INVERTERS | HYBRID INVERTERS |
GRID-TIE INVERTERS



**HUAWEI
SUN2000-25KTL-M5**



**HUAWEI
SUN2000-12KTL-M5**



**SOLIS
S6-EH3P30K-H-LV**



**DEYE 20KW LV HYBRID
INVERTER / CHARGER
SG05LP3-EU-SM2**



**GOODWE 48V 5000W
EO SERIES OFF-GRID
INVERTER**



**FRONIUS SOLAR INVERTER
ECO 27.0-3 27KW MPPT
IP66 WIFI WLAN**



**MUST 5 KVA 48V 80A
HYBRID SOLAR INVERTER**



**MUST 3.2KVA 24V 60A
HYBRID SOLAR INVERTER**



TBB RIIO SUN II 8KW - 48V



**TBB RIIOSUN II 5KW 48V
HYBRID SOLAR INVERTER**



**FRONIUS SYMO 10.0-3-M SOLAR
INVERTER WLAN/LAN/WEBSERVER
WITH OVP**



**FRONIUS PRIMO INVERTER
8.2-1 WLAN/LAN
WEBSERVER**

INVERTERS

AVAILABLE IN:
OFF-GRID INVERTERS | HYBRID INVERTERS |
GRID-TIE INVERTERS



**VICTRON QUATTRO
48/10000/140 10000VA
INVERTER CHARGER**



**VICTRON MULTIPLUS 5000W
120A 24V INVERTER
CHARGER**



**DEYE HYBRID
INVERTER
SUN-12K-SG04LP3-EU**



**DEYE 8KW HYBRID ONGRID
SOLAR INVERTER 48V
SINGLE PHASE**



**SUN-5-SG04LP3-EU LV
48V DEYE INVERTER**



**GOODWE 50000W GRID-TIED /
HYBRID INVERTER GW50K-ET**



**GOODWE 30000W HYBRID
INVERTER GW30K-ET**



**GOODWE 8000W HYBRID
INVERTER GW8000-ES-C10**



**GOODWE 5000W HYBRID
INVERTER GW5000-ES**



**GOODWE GW 10KW ES
UNIQ**

COMMERCIAL



24KW SOLAR HYBRID SYSTEM INSTALLATION FOR FARMS, HOTELS, HOSPITALS, MEDIUM SMES

Solar Panels (24kW capacity): Approximately 40-48 high-efficiency monocrystalline panels (500-600W each), generating 66-88 kWh daily, depending on sunlight (4-6 peak sun hours).

Hybrid Inverter (24kW): Manages energy flow between panels, batteries, grid, and loads, often with dual MPPT for optimal solar capture (e.g., GoodWe ET series 15-30kW range, DEYE 20kW, Huawei 30kW, SMA 25kW).

Battery Storage (e.g., 40kWh LiFePO4): Stores excess solar energy for nighttime, outages, or peak demand, using reliable lithium-ion batteries (e.g., BYD, GoodWe, Uhome, Weco, Deye cells, 6000 cycles).

Grid Connection: Enables net metering to sell surplus power and draw grid power when needed.

Monitoring System: Wi-Fi-enabled apps (e.g., Deye Cloud, Sems) for real-time energy tracking and management.



PORTABLE POWER STATION



HINEN PORTABLE POWER STATION PS 600

- 1.5 Hrs fast charging Cylindrical steel-case
- LiFePO₄ cell, with 3000 ultra-long cycle times
- PV panel with mppt technology, efficiency up to 99.5%
- Lightweight and portable for ultimate convenience
- BMS eight safety protection
- Intelligent internal air cooling system
- 24/7 UPS, switch to back-up power within 10ms
- AC input RF up to 0.99
- APP remote monitor through Wifi/Bluetooth
- Support constant power mode, which can drive up to 1000W equipment

HINEN PORTABLE POWER STATION PS 1800

- Cylindrical steel-case
- LiFePO₄ cell, with 3000 ultra-long cycle times
- PV panel with mppt technology, efficiency up to 99.5%
- Bidirectional Inverter Technology, support fast charging, only need 1.5 hours
- BMS eight safety protection
- Intelligent internal air cooling system
- 24/7 UPS, switch to back-up power within 14ms
- APP remote monitor through Wifi/Bluetooth
- Support constant power mode, which can drive up to 2400W equipment.

HINEN PORTABLE POWER STATION PS 3000

- 1.7 Hrs fast charging
- LiFePO₄ prismatic battery cell, with 4000 ultra-long cycle times
- BMS eight safety protection
- 24/7 UPS, switch to back-up power within 14ms
- Expandable capacity, supporting 6 extra batteries to reach a total of 17.5kWh
- 10 Years lifespan
- 30dB Low working noise
- Support maximum 2500W charging power (AC+PV) APP remote monitor through Wifi/Bluetooth AC load frequency smart following off-grid, and APP control 50 or 60Hz

RESIDENTIAL

12KW 3PH RESIDENTIAL SOLAR HYBRID SYSTEM INSTALLATION

Key Components:

Solar Panels (11-12kW capacity): Typically, 20-24 panels (each ~550W) generate 35-44 kWh daily, depending on sunlight exposure.

Hybrid Inverter (12kW): Manages energy flow between solar panels, batteries, the grid, and home appliances, with features like dual MPPT for optimal solar capture.

Battery Storage (e.g., 20kWh LiFePO4): Stores excess solar energy for nighttime or backup use, with long-lasting lithium-ion batteries.

Grid Connection: Allows selling excess power back to the utility (where permitted) and drawing grid power when needed.

Monitoring System: Wi-Fi-enabled apps for real-time energy tracking and remote management.



RESIDENTIAL

8KW-10KWH RESIDENTIAL SOLAR HYBRID SOLUTION

An 8kW residential solar hybrid system with 10kWh battery storage is designed for medium to high-energy households (4-6 people), offering a balance of solar power generation, grid interaction, and battery backup for energy independence. This system is ideal for powering appliances like refrigerators, lights, TVs, and small water pumps, with backup capabilities for outages.

Design, supply install and commission of an 8kW hybrid system for average power consuming homes.

System configuration.

1. 6kWp Mono PERC Solar panels
2. 8kW hybrid inverter/ charger complete with online monitoring
3. 10kWh lithium ion battery- Minimum
4. Roof top solar mounting structure
5. B.O.S accessories
6. IOT



RESIDENTIAL

5KW/ 5KWH RESIDENTIAL SOLAR HYBRID SYSTEM INSTALLATION SERVICE

A 5kW residential solar hybrid system with 5kWh battery storage is designed for small to medium-sized households (2-4 people) with moderate energy needs, such as lighting, fans, TVs, refrigerators, and small appliances. It combines on-grid and off-grid functionality, offering grid interaction, battery backup, and energy independence, making it ideal for homes with frequent power outages or those aiming to reduce electricity bills and it is affordable solar installation in Nairobi.

Contact Bills On Solar EA Limited for you solar energy solutions Kenya

SOLAR LED LIGHTS



300W SOLAR LED STREET LIGHT



HINEN 6KW OFF GRID INVERTER H6000-OG



1000W SOLAR LED STREET LIGHT



60W SOLAR LED STREET LIGHT WITH ALUMINUM CASING



60W SOLAR LED STREET LIGHT WITH ALUMINUM CASING



120W SOLAR LED STREET LIGHT WITH ALUMINUM CASING



180W SOLAR LED STREET LIGHT WITH ALUMINUM CASING



200W SOLAR LED FLOOD LIGHT



300W SOLAR LED FLOOD LIGHT



200W SOLAR LED STREET LIGHT WITH LITHIUM ION BATTERY 3.2V 36AH



150W SOLAR LED STREET LIGHT WITH LITHIUM-ION 12.8V 42AH BATTERY



200W SOLAR LED STREET LIGHT

SOLAR LED LIGHTS



**120 WATTS LED SOLAR
STREET LIGHT**



**90 WATTS LED SOLAR
STREET LIGHT**



**60 WATTS LED SOLAR
STREET LIGHT**

ACCESSORIES



SUNTREE PV CABLE
10.0MM²,1000VDC UV SHIELDED



SOLAR PV CABLE 6.0MM X 100MTRS
(RED OR BLACK)

Key Features:

Conductor Size: 10.0mm² cross-sectional area, providing a low-resistance path for electricity, which helps minimize power loss. High Voltage Rating: Supports up to 1500V DC, ensuring compatibility with a variety of solar installations and equipment

Key Features:

6mm PV Cable Single Core 1000VDC UV Protection
Quick Details Type: Clock Number of Conductors: one
Application: solar energy system cross section: 1*2.5 mm² Colours: black&red Life time: 25 years Smallest permissible bending radius: 5*D Temperature range: -40- 90 Wire: class5,tinned Rated current: 70A Rated voltage: DC1800V

BATTERY

**AVAILABLE IN:
VALVE REGULATED LEAD ACID BATTERY
LITHIUM ION BATTERY**



**HINEN 7.7KWH HIGH
VOLTAGE BATTERY
MODULE BH7700A**



**12.8V 200AH VESTWOOD
LITHIUM ION BATTERY**



**12.8V 100AH VESTWOOD
LITHIUM ION BATTERY**



**12V 75 AH MEGATANK
LITHIUM ION BATTERY**



**DYNES 14.33 KWH
LITHIUM BATTERY
(LV) POWER BRICK**



**12V 200AH AMARON VRLA
SOLAR BATTERY**



**AMP NOVA 48V 5.12KWH
LITHIUM BATTERY | HIGH
CYCLE LIFEPO4 SOLAR**



**DYNES DL 5.12KWH LV (48V)
LITHIUM ION BATTERY**



**DYNES DL 2.5KWH LV (24V)
LITHIUM ION BATTERY**



**BYD BATTERY-BOX
PREMIUM LVL 15.4**



**HUAWEI LUNA2000-1.0MWH-1H1
SMART STRING BATTERY
ENERGY STORAGE SYSTEM (ESS)**



**HUAWEI LUNA2000-129KWH-2H1
SMART STRING BATTERY ENERGY
STORAGE SYSTEM (ESS)**

BATTERY

**AVAILABLE IN:
VALVE REGULATED LEAD ACID BATTERY
LITHIUM ION BATTERY**



**HUAWEI LUNA2000-215-2S10
SMART STRING BATTERY
ENERGY STORAGE SYSTEM (ESS)**



**GOODWE 51.2 KWH
LITHIUM BATTERY**



**BLUE NOVA BN1
3V-108-1.4KWH**



**DEYE 10.24KWH (LV) SE-G10.2
LITHIUM ION BATTERY**



**DEYE 5.12KWH (LV)
SE-G5.1 LITHIUM ION
BATTERY**



**MUST 5.12KWH 51.2V
(LIFEPO4) LITHIUM
BATTERY**



**WECO 5K3-XP 5.3 KWH
51.2V LITHIUM BATTERY |
DUAL VOLTAGE DESIGN**



**BYD PREMIUM SOLAR BATTERY
LV FLEX 5.0 KWH**



BYD BATTERYBOX LV5.0



**GOODWE LYNX A 5KWH
LITHIUM ION BATTERY**



**GOODWE LYNX D 5KWH
LITHIUM ION BATTERY**

ACCESSORIES



210L GOOD HEAT PUMP WATER HEATER



270L GOOD HEAT PUMP WATER HEATER



320L GOOD HEAT PUMP WATER HEATER



HOBER 11 KILOWATTS MPPT HYBRID SOLAR WATER PUMPING INVERTER



HOBER 15 KILOWATTS MPPT HYBRID SOLAR WATER PUMPING INVERTER



HOBER 22KW THREE PHASE HYBRID SOLAR PUMP INVERTER



HOBER 30KW THREE PHASE HYBRID SOLAR PUMP INVERTER



4KW VEICHI SOLAR HYBRID PUMP INVERTER, SINGLE PHASE, 150-450VDC,