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BaykeePk



BORN FOR POWER

| UPS | EPS | Lights | Solar Inverter | AVR | APF | Batteries |
| Power Supply | Telecom Solutions | Customized Power Product | Breakers |



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VISION & MISSION

BAYKEE BORN FOR POWER....!

We are committed to bring prosperity to our motherland through

- Bringing Pakistan on International Pace through Transfer of Technology.
- Commercial Growth by providing High Quality, Reliable and Affordable products.
- Customization & indigenous Development of Power Products.

We are Committed to Serve our Homeland and We BELIEVE We CAN...!



VISION & MISSION

Aerospace Baykee Pakistan (Pvt.) Ltd. has been operating in Pakistan since 2014 as the overseas office of Aerospace Baykee (Guangdong) Technology Co., Ltd., a renowned Chinese enterprise established in 2007. The company is responsible for managing all business operations across the region.

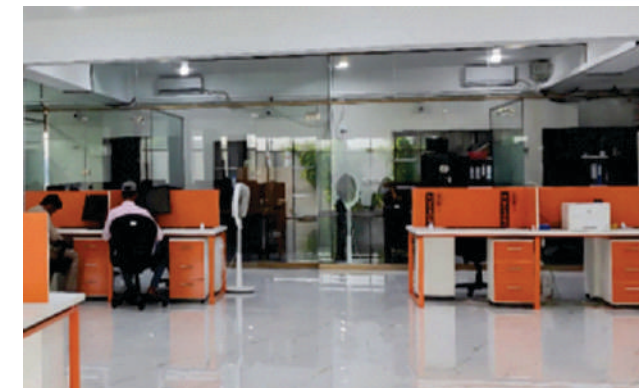
We take pride in being a trusted manufacturer and supplier of high-quality Military Grade Equipment, Security Systems, Power Solutions, and Advanced Energy Technologies. Our product range includes Optical Fiber Perimeter Security Systems, Modular Static Frequency Converters, HPAs, Radar Power Supplies, Ground Power Units (GPUs), Load Vans, MCBVs, Emergency Power Supplies, UPS Systems, AVR's, Solar Solutions, all types of batteries, Lighting Solutions —serving both civil and defense sectors. Our product offerings include but are not limited to:

- | | |
|--|---|
| ➤ Drone Batteries | ➤ Military/ Marine Grade Uninterruptible Power Supply |
| ➤ Vehicle Startup Batteries | ➤ Standard/ Customized Critical AC/DC Power Supplies |
| ➤ High Voltage Containerized Battery Solutions | ➤ Mobile Battery Charging Vans (MBCV) or Rectifiers |
| ➤ Electric Vehicle Batteries | ➤ Modular Static/ Variable Frequency Converters (KVAs) |
| ➤ Jump Starters for all type of all type of vehicles | ➤ Radar High Power Amplifier (HPA) |
| ➤ Telecom Batteries | ➤ Radar Power Supplies |
| ➤ AC and Solar Lights | ➤ Ground Power Units/ Power Supplies |
| ➤ Solar Inverters (Residential, Commercial, Industrial) | ➤ Degaussing System/De-Magnetize System |
| ➤ All type of UPS (Commercial, Industrial) | ➤ Border/ Parameter Defence System (Optical Fiber Technology) |
| ➤ Integrated temp. Controlled Cabinets for Safe City, Telecom etc. (IP rating as per req.) | ➤ Customized Military Power Products |

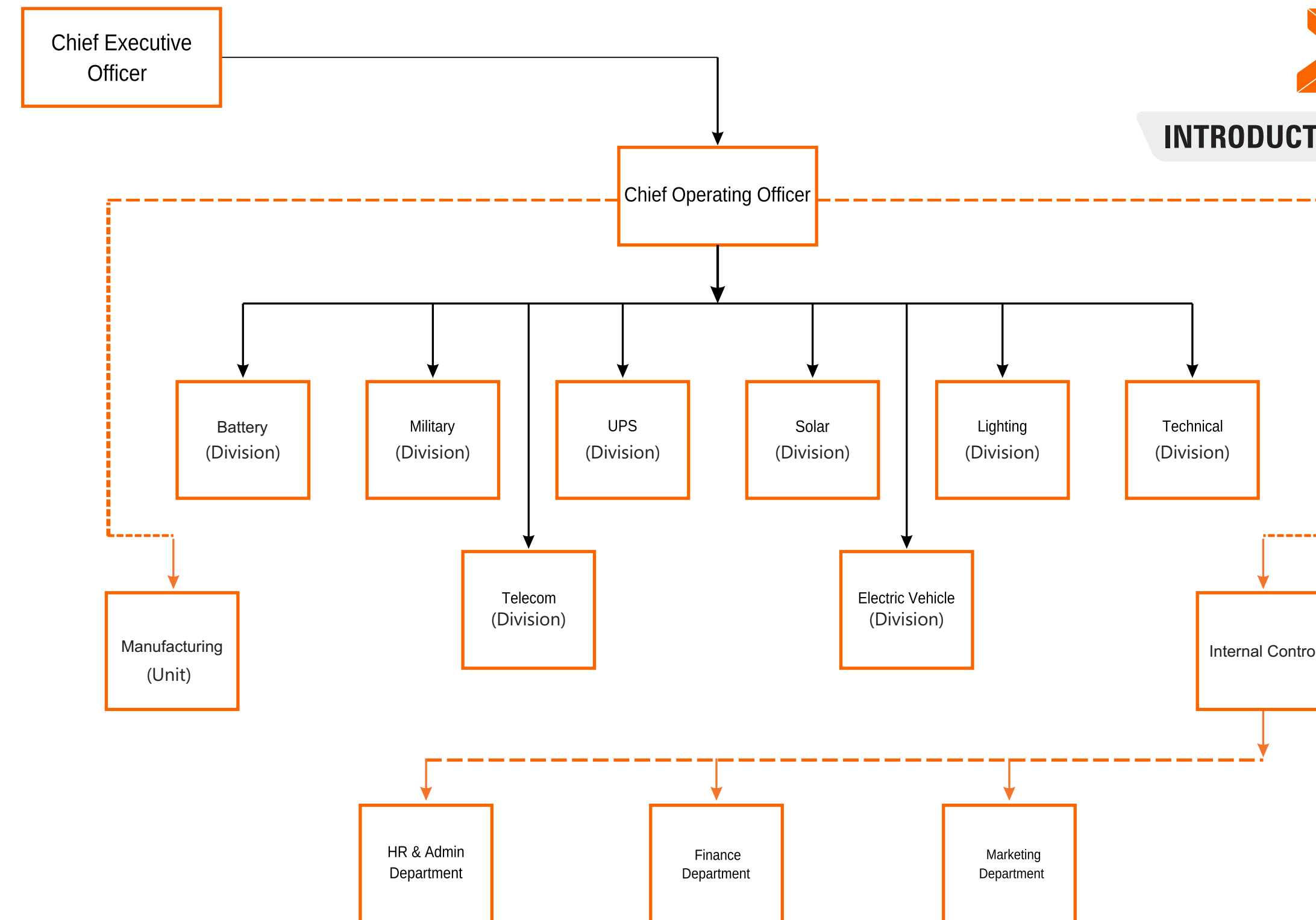
Aerospace Baykee Pakistan has had the honor of collaborating with esteemed organizations such as the Pakistan Navy, Pakistan Army, Pakistan Air Force, NESCOM, NRTC, FWO and other govt departments. We have successfully executed numerous national-level and mission-critical projects that have significantly contributed to strengthening the defense infrastructure of Pakistan.

In pursuit of technological advancement and local capacity building, Baykee has commenced local production of Lithium-Ion (Li-Ion) batteries in Pakistan. This strategic initiative enhances our ability to meet the growing demand for cutting-edge energy solutions. With the continuous support of Baykee China, we are also facilitating technology transfer and R&D development. A dedicated team of R&D professionals is permanently based in our Pakistan office, working on both ongoing and upcoming civil and military projects to realize our shared vision of innovation and self-reliance in Pakistan's industrial and defense sectors.





INTRODUCTION



PRODUCTION LINE

BAYKEE PAKISTAN – Local Production Initiative In pursuit of technological advancement and local capacity building, Baykee Pakistan has taken a significant step forward in realizing its vision of innovation and self-reliance. We are proud to announce the commencement of local production of Lithium-Ion (Li-Ion) batteries in Pakistan.

This strategic milestone enhances our capability to meet the rapidly growing demand for cutting-edge energy storage and power solutions across various sectors. With the continuous support and collaboration of Baykee China, we are actively engaged in technology transfer and research & development (R&D) initiatives.

A dedicated team of R&D professionals is permanently based in our Pakistan facility, focusing on both ongoing and future civil and defense projects. Together, we aim to strengthen Pakistan's industrial foundation and contribute to the country's journey toward technological independence.

As part of our expansion strategy, Baykee Pakistan is also targeting UAE, Saudi Arabia, and Afghanistan markets. This initiative will help boost Pakistan's exports, support foreign exchange savings, and contribute to reducing the national trade imbalance.

OUR PRODUCT RANGE

- Drone Batteries
- Vehicle Startup Batteries
- High-Voltage Containerized Battery Solutions
- Truck and Tank Startup Batteries
- Electric Vehicle Batteries
- Helicopter Jump Starters
- Jump Starters for Trucks and Tanks
- Telecom Batteries
- Energy Storage Batteries
- Solar Inverters (Residential, Commercial, Industrial)
- Golf Cart Batteries
- UPS Batteries
- Any other customized requirement.



RESEARCH AND DEVELOPMENT CENTRE

Aerospace Baykee is in the process of establishing a state-of-the-art Research and Development Centre in collaboration with leading government institutions. The facility will focus on Power Electronics and Energy Technologies, aiming to design and develop next-generation products tailored to customer needs, including:

- Uninterruptible Power Supplies (UPS)
- Solar Inverters
- Lithium-Ion Batteries and Battery Management Systems (BMS)
- Electric Vehicle Chargers
- Electric Motorcycles, Tricycles, and Cars
- Special emphasis will be placed on the defense and aerospace sectors, developing military-grade power systems, SFCs radar power supplies, jammers, and related technologies.

All newly developed products will be manufactured at our local production facilities, ensuring high-quality, reliable, and cost-effective solutions. The R&D Centre will serve as a hub for innovation, technology incubation, and knowledge exchange, fostering collaboration between academia, industry, and defense institutions.

BENEFITS OF LOCALIZATION

- Technology Transfer and Knowledge Sharing
- Employment Generation
- Local Product Certification and Quality Assurance
- Efficient Local Warranty and After-Sales Support
- Elimination of Substandard Imported Products
- Foreign Exchange Savings
- Product Customization for Local and Regional Markets
- Enhanced Product Safety and Reliability
- Shorter Lead Times and Faster Delivery
- Environmentally Sustainable Manufacturing
- Expansion into New International Markets
- Attraction of External Investment
- Capacity to Sustain Rapid and Long-Term Growth



PRODUCTION LINE

PRODUCTION LINE



PRODUCTION LINE



BATTERY DIVISION

PRODUCT RANGE



BATTERY DIVISION

TEMPERATURE CONTROLLED

INTELLIGENT STORAGE CABINET

Upto 60 units can be connected in parallel
Support DC Coupling (Photovoltaic) System
response time <100msOptional Photovoltaic,
Diesel Generator and other power sources
Modular Design, minimal and fast maintenance
and operation



Model	BK-EES-H-R-30kW/143.36kWh	BK-EES-H-R-50kW/179.2kWh	BK-EES-H-R-100kW/215kWh
DC SIDE PARAMETERS			
Cell type		LFP-280Ah	
Module model		IP20S	
PACK number	8PACK/Cluster	10PACK/Cluster	12PACK/Cluster
Battery capacity range	143.36kWh	179.2kWh	215kWh
ACON-GRID SIDE PARAMETERS			
Grid connection type		3P4W	
Charging/discharging power	30kW	50kW	100kW
Rated grid voltage		AC400V±15%	
Frequency range		45Hz~55Hz	
Rated AC output current	43A	72A	144A
Power factor		0.8(Leading) ~ 0.8(Lagging)	
Harmonics		≤3%(at rated power)	
AC OFF-GRID SIDE PARAMETERS			
Load type		3P4W	
Rated output power	30kW	50kW	100kW
Rated output voltage		AC400V±1%	
Rated output frequency		50Hz	
Rated current	43A	72A	144A
GENERAL PARAMETERS			
Dimensions(W*H*D)		1900mm*2100mm*1330mm	
Packing size(W*H*D)		2100mm*2244mm*1500mm	
Maximum weight		2500kg	
IP level		IP55(Battery Cabinet) IP34(Electrical Cabinet)	
Cooling method type		Battery Cabinet(air conditioner)&Electrical Cabinet (forced air cooling)	
Fire fighting system		FM200 automatic fire extinguishing	
Anti-corrosion grade		C3&C5	
Relative humidity		0~95%(non-condensing)	
Operating temperature*		-20°C~60°C	
Altitude**		<2000m	
Noise level		≤75dB	
Communication interface		RS485,Ethernet	
Communication protocol		Modbus RTU,Modbus TCP/IP	
PV SIDE PARAMETERS(OPTIONAL)			
MaximumPVinput power	30kW/60kW	30kW/60kW/90kW/120kW	30kW/60kW/90kW/120kW
Number of MPPTs/ PV Inputs	200V~850V	200V~850V	200V~850V
Number of PV inputs	1/1	1/1/2/2	1/1/2/2
Maximuminput current	100A/200A	100A/200A/300A/400A	100A/200A/300A/400A

SOLAR DIVISION

Aerospace **BAYKEE** Strive to build an eco friendly and sustainable world using technology and innovation.
We offered high quality components for solar solution executed by highly skilled team.
We are consumer centric organization and focuses on after sales support and services to ensure smooth operation of our products throughout life cycle.

PRODUCT RANGE

- ON - GRID Solar System
- OFF - GRID Hybrid Solar System
- Multi-mode Modular Inverters
- Lithium Ion Battery
- Customized Design for Power Utility
- ON - GRID Hybrid Solar System
- OFF - GRID Hybrid Solar System (Transformer Topology)
- MPPT Solar Charge Controller
- Solar Water Pumping System
- VFD



**TYN-M MULTIMODE MODULAR
HYBRID SOLAR INVERTER
(20-800KW)**



**IP 21 HYBRID SOLAR INVERTER
3KW - 5KW**



**IP 65 HYBRID
SOLAR INVERTER**



**TYN33 SERIES HYBRID
SOLAR INVERTER
30KVA - 800KVA**

SOLAR PRODUCTS



AC/DC CIRCUIT BREAKER



**BK-NK SERIES SOLAR
INVERTER**

SOLAR DIVISION



TYN1100 SERIES HYBRID
SOLAR INVERTER SINGLE
PHASE



1.2 Kw all in One Solar Inverter



1.2 Kw all in One Solar Inverter



LiFePO4 High Voltage Stack-able Series



5.12 Kwh RM Modules



12 Volt LiFePO4 Batteries



LITHIUM-ION BATTERY PACK
(CABINET TYPE)



LEAD ACID BATTERY
JMF-GEL & AGM-VRLA BATTERY



CONTAINERIZED HYBRID
SOLAR POWER SYSTEM



SOLAR PRODUCTS



5.12kWh
LITHIUM ION BATTERY



LITHIUM ION BATTERY BANK
(WALL MOUNTED)

FEATURED PRODUCT

BKY-TYN-M Series

Multimode Modular Solar Hybrid Inverter 20 - 800 KW

TYN-M Series Modular Multi-System Hybrid Solar Inverter is an Intelligent Multi-function Power Supply designed by Aerospace **BAYKEE** for New Energy needs. It is internally powered by.

- Solar MPPT Controller
- Charger
- Rectifier
- Inverter
- Static Switch
- Main Control Circuit
- Display Alarm Circuit



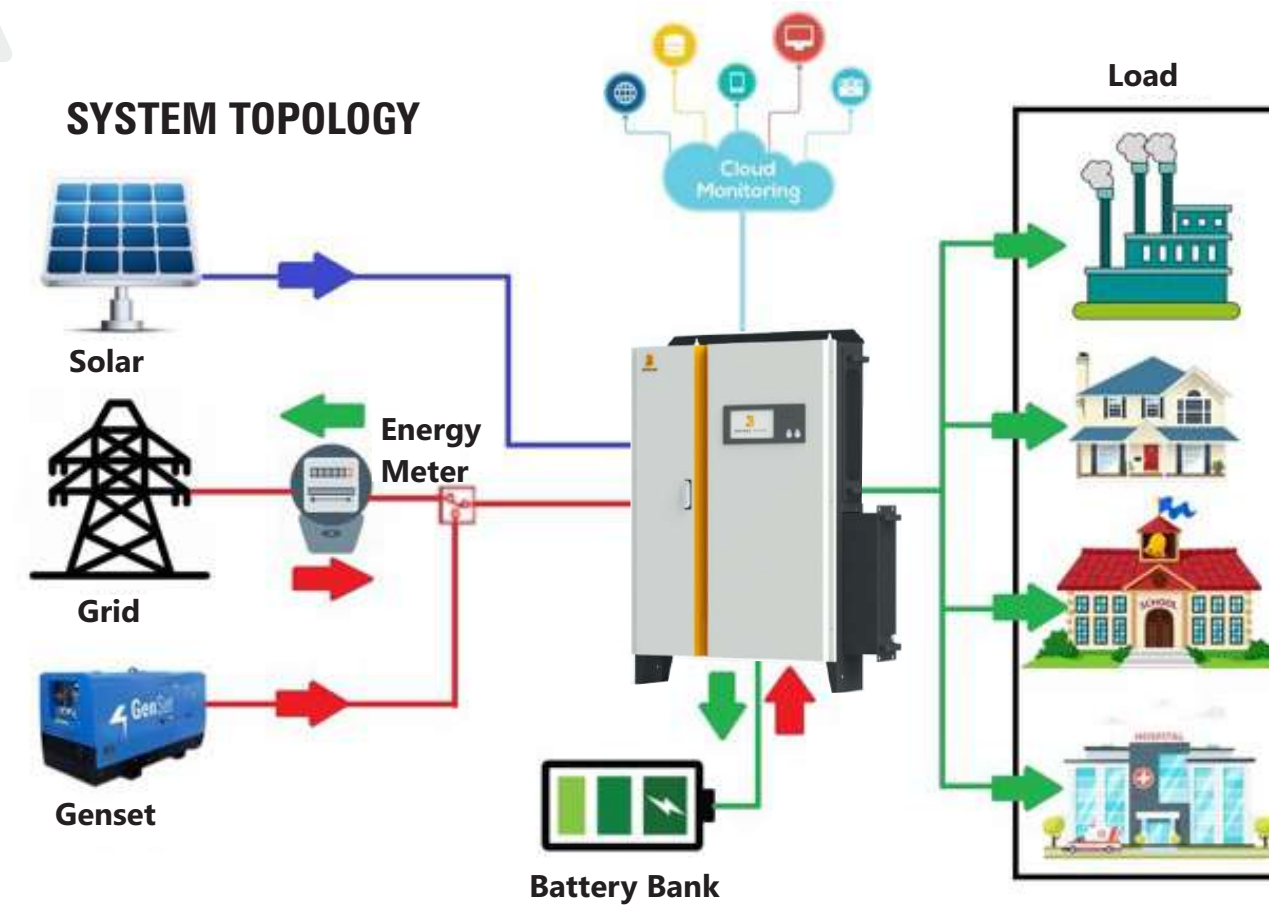
SALIENT FEATURES

1. Multimode-Standard Design
2. Modular Technology: For easy Expansion and Redundancy
3. Hot Swappable: Reduce On-Site Repair and Maintenance time
4. High Speed Static Switching
5. Bus MPPT Control Technology
6. Reverse Feeding Management
7. Intelligent Input Source Management
8. Large Touch Screen Display
9. User-Friendly Configuration: Parallel Operation upto 800 KW
10. Current Limiting Soft-Start Circuit to reduce the Inrush Current
11. Intelligent Digital Control Technology: High-Speed DSP Microcontroller
12. Sixth Generation High-Speed Low-Loss IGBT
13. Intelligent Fault Detection Function and Communication
14. Superior Load Characteristics 0 to 100% load transition without switching to bypass
15. Optional Battery Inspection Module

APPLICATION

- ON - GRID MODE
- OFF - GRID MODE
- HYBRID MODE
- UPS

SYSTEM TOPOLOGY



MODULER



Single Module



Single Module System



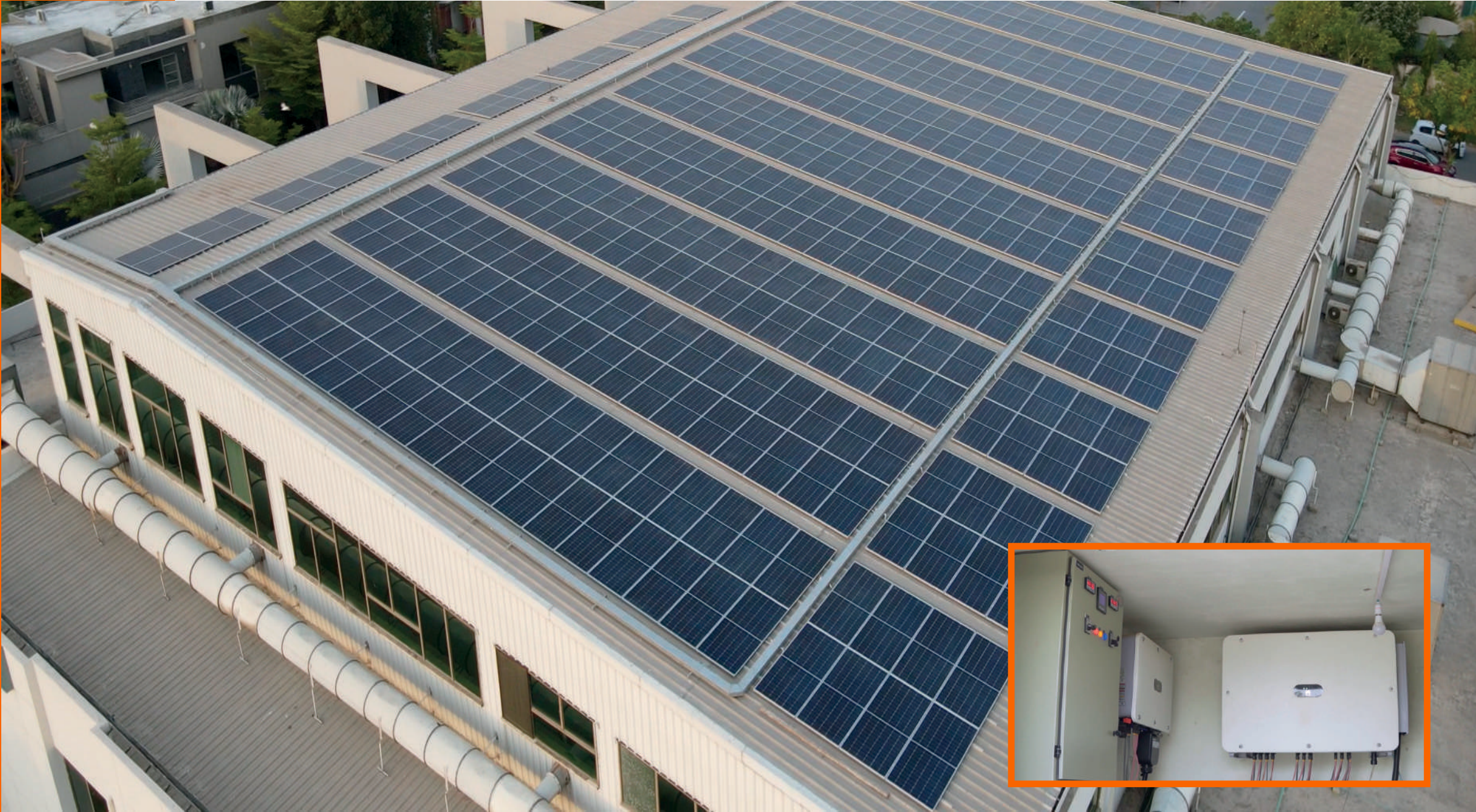
Multi Module Cabinet



FEATURED PRODUCT



OUR PROJECTS



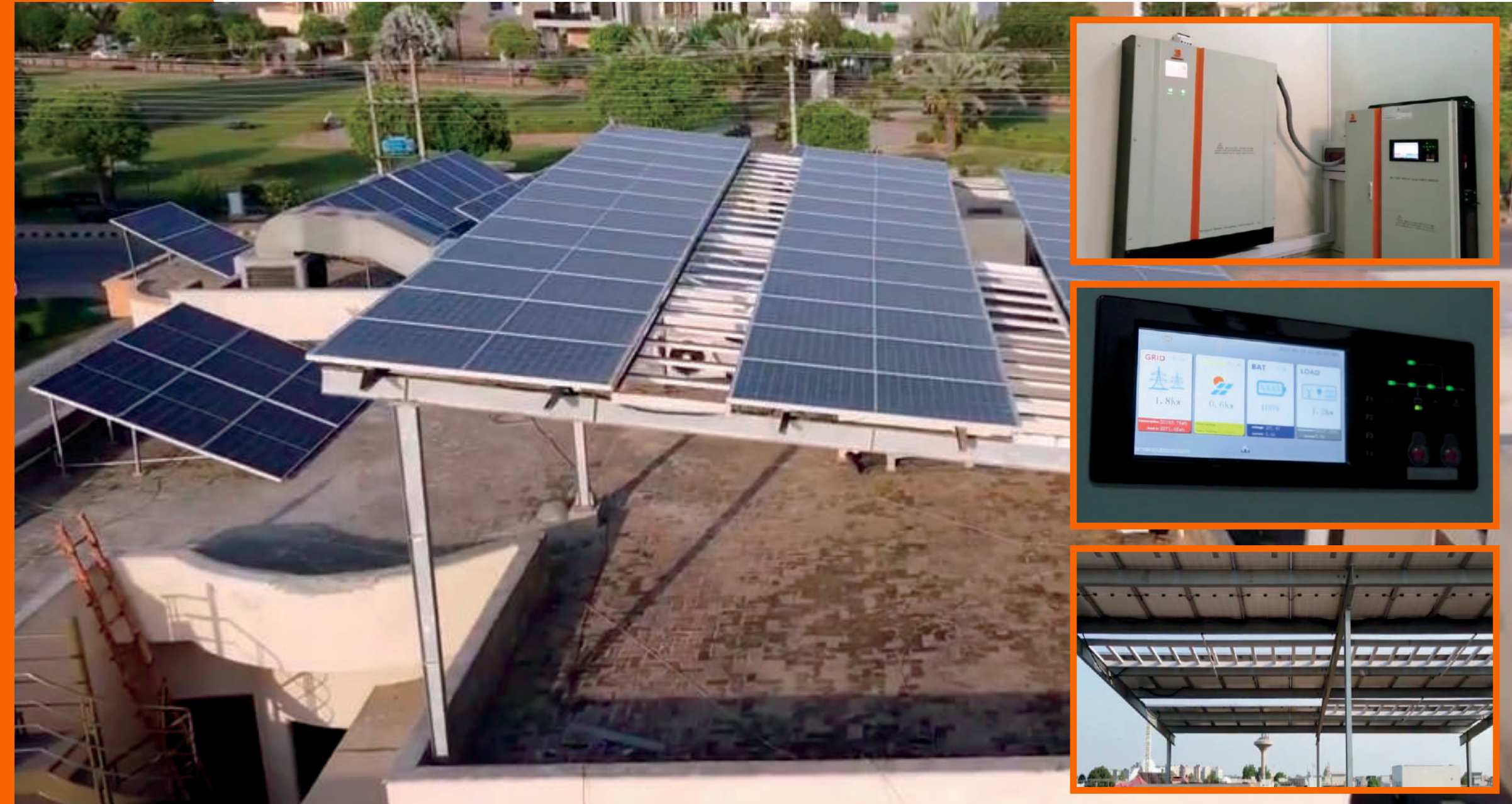
DHA SWIMMING POOL 250 kw SOLAR SYSTEM

OUR PROJECTS



450 Kw SOLAR SYSTEM IN LAHORE

OUR PROJECTS



DHA 20kW SOLAR SYSTEM

OUR PROJECTS



LAHORE 450 KW SPINNING UNIT SOLAR PROJECT

OUR PROJECTS



ORMARA 160kW SOLAR PROJECT

Aerospace Baykee is the registered Provider of Net-Metering with on Grid-Systems. Net metering is a billing mechanism that credits solar energy system owners for the electricity they add to the grid. For example, if you have our PV system on the home's rooftop, it may generate more electricity than your household requirement during daylight hours.

If the connection is net-metering enabled, the bi-directional electricity meter will calculate the energy that goes into the grid, the export units will get credited against off-peak units in consumer bill.

CERTIFICATION



NET - METERING



GOVERNMENT OF PAKISTAN
MINISTRY OF ENERGY (POWER DIVISION)
ALTERNATIVE ENERGY DEVELOPMENT BOARD (AEDB)



Certificate of Enlistment

Certificate No. CR/22/014/C-1 (Rev-1)

This is to certify that **Aerospace Baykee Pakistan (Private) Limited** having registered office at **1-GCP Housing Society, Near PCSIR-II, Nazria-e-Pakistan Road, Johar Town, Lahore** is hereby enlisted for solar on-grid / off-grid installations of capacity up to and above 500 KW as Installer in Category **C-1** under Alternative Energy Development Board (Certification) Regulations, 2021. This Certificate is issued on **1st August, 2022** and is valid till **15th December, 2024**.

Note: The Certificate is valid for installation works in Islamabad Capital Territory and province of Punjab only. Permission for installation works in other provinces shall be allowed by AEDB upon submission of certified copy of respective Provincial Sales Tax on Services registration.



UPS DIVISION

Baykee UPS and power backup products thrive to become no. 1 customer's choice in IT and industrial applications by continuously adding new products and adapting new technologies through extensive R&D.

Baykee's business model works on value addition as per customers' changing requirements.

- Single Phase & Three Phase
- Online & Line Interactive
- Low Frequency & High Frequency
- Modular & Stand-alone UPS
- Data Center UPS
- Power Factor Controller (PFC)
- Static Transfer Switch (STS)
- Automatic Voltage Regulator (AVR)
- Active Power Filter (APF)
- Power Distribution Units (PDUs)
- Monitoring Software
- Frequency Converter
- Battery (VRLA/Gel/Lithium-ion)



**MP1100 1/1 PHASE
ONLINE UPS
1KVA - 30KVA**



**BKH-M 3/3 PHASE
MODULAR UPS
30KVA - 600KVA**



**CHP3000 3/3 PHASE
ONLINE UPS
10KVA - 600KVA**



**HS/HTS 1/1 & 3/1 PHASE
ONLINE UPS
6KVA - 20KVA**



**HTT-PRO 3/3 PHASE
ONLINE UPS
15KVA - 400KVA**

UPS DIVISION

UPS DIVISION



ONLINE SERIES UPS



HIGH FREQUENCY UPS SERIES



LINE INTERACTIVE SERIES



BKH MODULAR UPS



HP 1/1 PHASE
ONLINE UPS
1KVA - 10KVA



LITHIUM-ION
BATTERY PACK



SL LINE
INTERACTIVE UPS
1KVA - 5KVA



MP3100 3/1 PHASE
ONLINE INDUSTRIAL UPS 6KVA-120KVA



UPS DIVISION



JMF GEL BATTERY



AGM VRLA BATTERY



FEATURED PRODUCT

HTT PRO UPS (Rating 15-400kVA)

➤ ENERGY SHARING AND MUTUAL AID DESIGN

The battery modules work in both dirpadons in the mains mode, can be charged or discha ved. V X: 242.28 px the input rectifier reaches the set value If po V. 214 92 px the battery module stops charging, and the reverse operation enters the discharge mode to help the rectifier supply energy to the inverter.

➤ POWER WALK-IN FUNCTION

Adopts the complete Power Walk In function, which can greatly reduce the impact on the equipment and the grid, improve the service life of the BUS capacitor, to provide a safe and stable output power for the load. Convenient access to generator equipment of various capacities, smooth and excessive.

➤ INTELLIGENT BATTERY MANAGEMENT TECHNOLOGY

AM intelligent three-stage battery charge and discharge management technology, ultra-wide Input range, reduce the number of switching battery modes, protect the battery, 3-stage charging, activate battery, effectively extend battery life by more than 30% Intelligent battery management, annual inspection monthly inspection, early warning, improve system reliability.

APPLICATION AREA

- Medium and Large Data Centers
- Computer Room Communication
- Base Stations
- Automation Control Systems
- Security Systems
- Radio and Television Systems
- Medical Systems etc.

HTT-PRO BRIEF

The HTT P-type series 15-400KVA UPS is a true online double-conversion, static, three-phase uninterruptible power supply system. Using IGBT power conversion technology of Vienna topology, intelligent battery management system (ABM) and other world's advanced technologies, combined with the world's mainstream trends of green, environmental protection, energy saving and the industry's advanced module technology, with excellent technical indicators; can effectively block the impact of abnormal power supply on the oad and provide reliable, pure and stable uninterrupted output power.



FEATURED PRODUCT

BKH-M UPS

(Rating 10-600kVA)

M1 SERIES FEATURES

- High efficiency up to 94.5%
- Flexible configuration, can be configured to 1/1, 3/1, 3/3, 1/3
- Dual power supplies
- Remote monitoring
- Max capacity: 120KVA
- Hot -swappable
- IP level: Ip30

M2/M3/M4/M5 SERIES FEATURES

- Efficiency: .>96%
- Module operation without bypass
- Battery flexibility configure (30-50pcs)
- Remote monitor
- Max module capacity: 50KVA
- Single cabinet power max 600KVA, can parallel 4 cabinet
- Double D5P+double CPLD process, digital control technology
- Wide voltage input range (-47%- +2955)



FEATURED PRODUCT

Introducing Baykee Lithium-Ion UPS Systems in Pakistan

BAYKEE proudly presents its advanced range of Lithium-Ion UPS Systems in Pakistan, now available in capacities ranging from 1 kVA to 800 kVA. This next-generation solution combines cutting-edge Lithium-Ion battery technology with Baykee's proven UPS expertise to deliver exceptional reliability, efficiency, and scalability — meeting the power backup demands of residential, commercial, industrial, and critical infrastructure sectors.

Key Advantages of Baykee Lithium-Ion UPS Systems

- Longer Lifespan: Robust Li-ion batteries offer extended service life, minimizing replacement costs and maintenance downtime.
- Compact & Lightweight: High energy density reduces footprint and simplifies installation.
- Fast Charging: Rapid recharge ensures maximum uptime and business continuity.
- Higher Efficiency: Intelligent power management delivers optimal energy performance and lower operating costs.
- Scalable & Modular: Flexible configurations to support future expansion.
- Environment-Friendly: A cleaner, sustainable, and recyclable power backup solution.

Customizable Capacities for Every Application

- 1– 5 kVA: Ideal for homes, small offices, and retail applications.
- 6 – 20 kVA: Perfect for medium-sized enterprises, IT facilities, and healthcare equipment.
- 21 – 100 kVA: Designed for large commercial complexes, data centers, and industrial processes.
- 101 – 800 kVA: Built for mission-critical operations, factories, telecom networks, and government or defense installations requiring high-capacity, uninterrupted power.

Powering the Future with Baykee

Say goodbye to frequent battery replacements, bulky systems, and inefficient legacy UPS setups. Step into the future of power protection with Baykee Lithium-Ion UPS Systems — ensuring seamless, efficient, and eco-friendly energy solutions for every scale of operation.



OVERALL SOLUTION INTEGRATED SYSTEM CONFIGURATION

In order to provide customers the perfect matching solutions, the integrated design of multiple optional accessories can improve safety and reliability in terms of space saving and easy installation. According to the machine sizes, we developed two complete solutions: including HTT series P-type 15-60K complete solution, HTT series P-type 80-400K overall solution.

FEATURED PRODUCT

SYSTEM CONFIGURATION



LIGHT DIVISION

Aerospace **BAYKEE** lighting division delivers a broad range of innovative and reliable lighting and control solutions. These lighting systems finds use in applications such as commercial, industrial, retail, institutional, utility, and residential applications. The company is leveraging the latest technologies to help businesses and communities improve efficiency, reduce costs, and protect the environment.

- Solar Street Light
- AC Street Light
- Solar Flood Light
- AC Flood Light
- Solar/Chargeable Work Light
- Panel Light 595mm * 595mm
- Down Lights



**XTR-01 SOLAR STREET
LIGHT**



**XTG-05 SOLAR
WORK LIGHT**



**ALL IN ONE SOLAR
SOLAR STREET LIGHT**



**XTK-03 SOLAR FLOOD
LIGHT**



**XHM-RX SOLAR STREET
LIGHT**

PRODUCT RANGE

LIGHT DIVISION



SPORTS LIGHT



XRL AC STREET LIGHT



PANEL LIGHT 40W.
595mm * 595mm



LED DOWNLIGHT

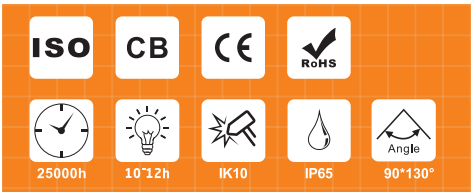


XBK-02 AC FLOOD LIGHT

XHM-RS SOLAR STREET LIGHT SERIES

PRODUCT ADVANTAGES AND FEATURES

- Grade A+ solar cell, each cell has a complete IV curve,
- Conversion efficiency is more than 21.3%.
- Lithium iron phosphate battery, the discharge depth reaches upto 95%.
- Under the discharge ratio of less than 0.5C, service life is up to 13 years, with high safety factor.
- High lumen LED SMD, with 50,000 hrs life span.
- PC outdoor optical lens, high light transmittance.
- High quality aluminum magnesium alloy, anti-corrosion, substantial, durable, artistic, practical.
- High craft manifesting production value of famous brand.
- Designed diamond face reflection process, super high efficiency reflection light source, effectively enhance the brightness of the illumination.



BK XHM-RS

FEATURED PRODUCT

BKX-HM RS is specially designed for critical areas requiring overnight backup with full brightness, providing a minimum of 27 to 30 lux. Its design is intended for highways, border areas, and regions with high temperatures. The BECS integrated energy storage control box is a complete, waterproof system that combines solar charging, a lithium iron phosphate battery, and intelligent controls for street lighting. It manages power storage, light operation, battery protection, and temperature regulation in one unit.



LIGHT DIVISION

FEATURED PRODUCT

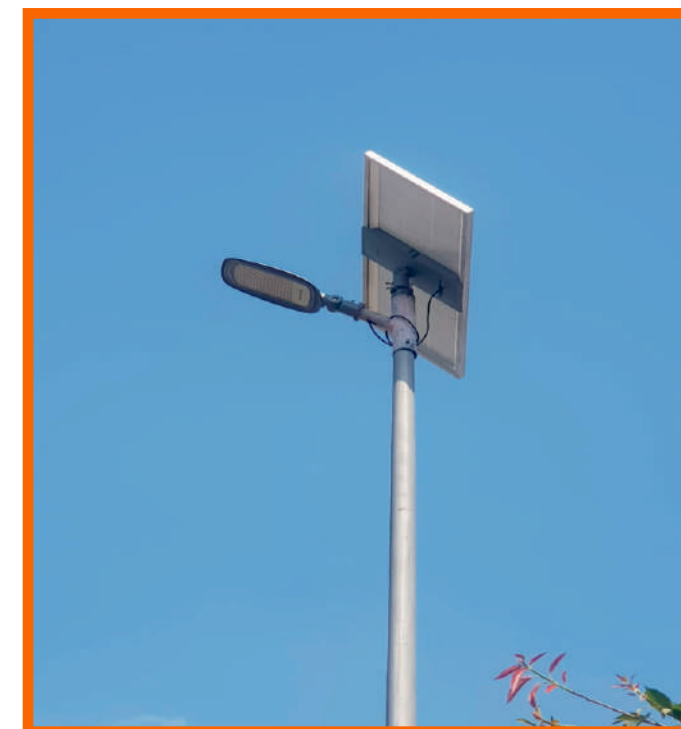
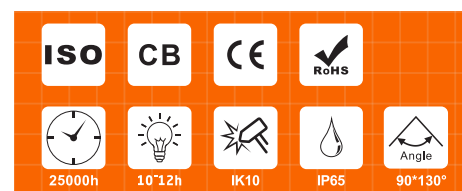
XBK-02 AC FLOOD LIGHT SERIES

PRODUCT ADVANTAGES AND FEATURES

- ▶ Integrated cooling design, elegant, efficient.
- ▶ Streamline design, more beautiful appearance, no accumulation.
- ▶ ADC12 # die-cast aluminum body, excellent heat performance, more durable.
- ▶ Professional outdoor painting, stainless steel components, giving excellent performance in anti-corrosion and anti-rusting, widely used in different environment.
- ▶ Light transmittance up to 94%, easy to improve in the future.



Stadium Lights



OUR PROJECTS



TELECOM DIVISION

BAYKEE is known for reliable and efficient power supplies for the field of Telecommunications. We offer wide range of solutions for the protection and monitoring of sensitive telecommunication equipment with high degree of reliability and a stable output products based on market need. This makes our products the best solution for today's telecom's needs.

PRODUCT RANGE

- Rectifiers
- Uninterruptible Power Supply (UPS)
- Lithium Ion Batteries
- Automatic Voltage Regulators (AVR)
- Out door Integrated Cabinets
- Cabinet Air Conditioners
- Data Centers
- Solar Power Systems
- Power Distribution Units (PDU)
- Outdoor cabinet systems for batteries, rectifiers etc.
- Communication Control Units
- Integrated Power System (IPS)
- Pre-fabricated structures
- Cable trays
- Hot dip galvanized products



RECTIFIER



LITHIUM ION BATTERY



CABENIT AC AIR CONDITIONER



AUTOMATIC VOLTAGE REGULATOR (AVR)



OUTDOOR INTEGRATED CABENIT

TELECOM DIVISION

FEATURED PRODUCT

OUTDOOR INTEGRATED CABINET

FEATURES

- Built-In Cabinet Air Conditioner.
- Metal Enclosure, Highly Fire Resistant.
- The whole machine undergoes strict vibration mode analysis to avoid work resonance.
 - Advanced exhaust piping design, energy efficient.
 - Precision copper tube welding process, no blisters, no leakage of gas.
 - The cabinet is welded frame structure, nine-stage earthquake resistance.
 - Using outdoor special protective spraying technology, anti-corrosion, moisture-proof.
 - Cabinet is completely enclosed inside, air conditioning is the most effective.
- The monitoring system comes with a GPS positioning system, and the cabinet door is equipped with an electronic lock to support remote control.



CABINET	G-YT1-R800	G-YT2-R1600	G-YT3-R2400
High-Speed ETC dedicated UPS Power Supply	HS/R 3KVA	HS/R 6KVA	HS/R 6KVA
Lithium Battery (4 hours Backup)	BK48100	BK48100	BK48100
Power Distribution Unit	PD-6KVA	PD-10KVA	PD-20KVA
Cabinet Air Conditioner	BK-RAC800	BK-RAC1500	BK-RAC1500
Surveillance System	IMDS-GS	IMDS-GS	IMDS-GS

LITHIUM ION BATTERY

48V 100Ah lithium LFP battery is an ideal design for Telecommunication It is very convenient for installation because of low weight. Equipped with the best lithium ion cell and advanced BMS system 48V 100Ah lithium LFP battery can realize quick and high efficiency of charge and discharge characteristic to guarantee a safe and reliable, when in telecommunication area to avoid unnecessary loss.

48V 100AH RV LITHIUM LFP STORAGE BATTERY	
Item	BKBFP 48-100
Series	RACK
Electrical Characteristics	
Nominal Voltage	48V
Nominal Capacity	100Ah (C5,25°C)
Energy	4800Wh
Internal Resistance	≤500mΩ
Cycle Life	≥2500 cycles@0.2C 100% DOD
Standard Charge	
Charge Voltage	54.8±0.2V
Charge Mode	0.2C to 54.8V, then 54.8,charge current 0.02C(CC/CV)
Charge Current	20A
Max. Charge Current	30A
Charge Cut-off Voltage	55.5V±0.2V
Standard Discharge	
Continuous Current	100A
Max. Pulse Current	150A(<3S)
Discharge Cut-off Voltage	37.5V
Environmental	
Charge Temperature	0 to45°C 32F to 113F)@60% 25% relative humidity
Discharge Temperature	-20 to 60°C -4F to140F)@60% 25% relative humidity
Storage Temperature	0 to 40°C 32F to104F)@60% 25% relative humidity
Mechanical	
Cell&Method	3.2V50Ah-15S2P
Product Dimensions	482*430*222mm
Weight	38KG
Protocol (optional)	RS485/CAN
BMS	15S100A
Display (optional)	LCD
Shipment Status	48~51V SOC:33%-55%

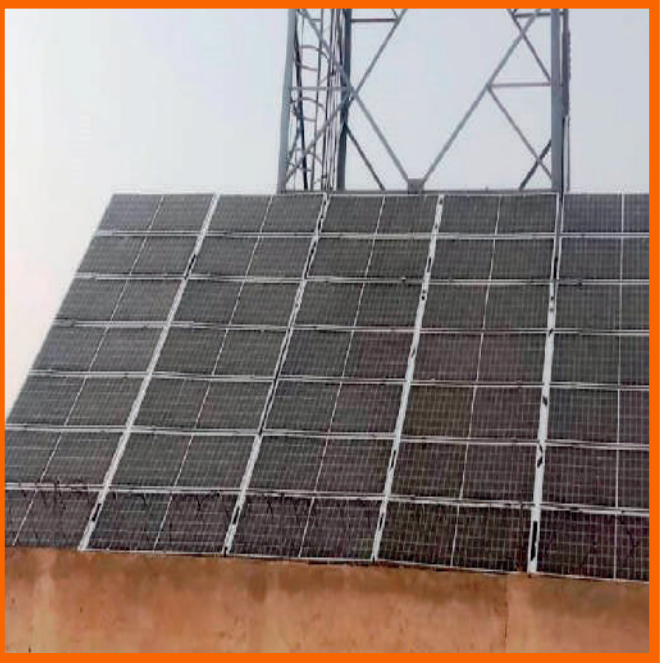
TELECOM DIVISION



OUR PROJECTS



OUR PROJECTS



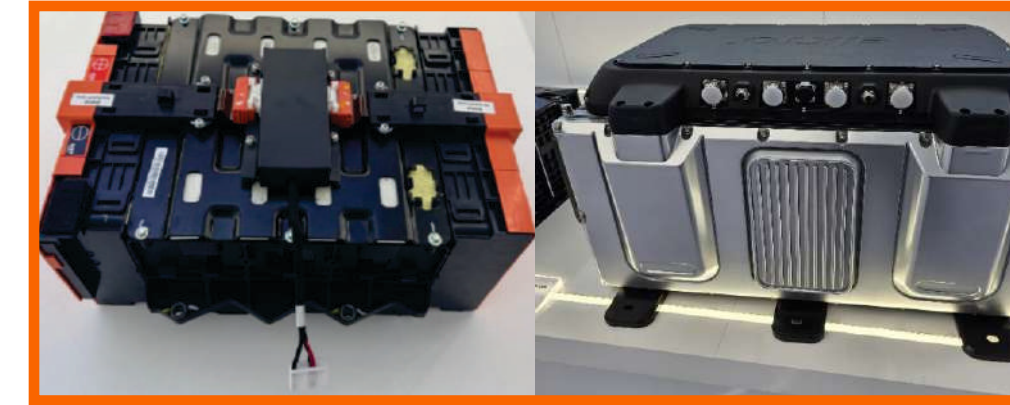
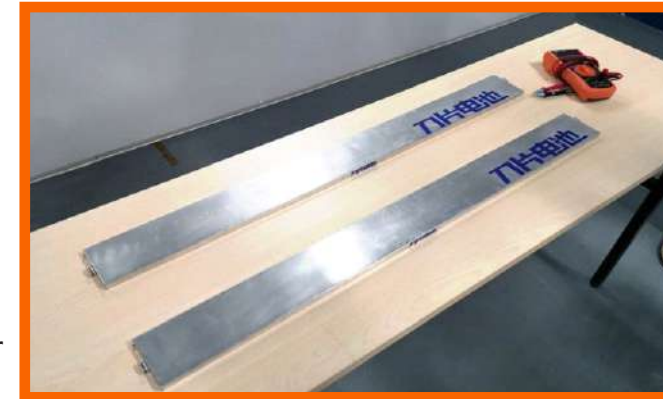
EV DIVISION

BAYKEE EV is introducing a new industry in the field of Electric mobility. In indigenous assembling and manufacturing of EVs has the potential to create numerous employment opportunities and reduces unemployment rates.

Electric Vehicles are a promising Technology for achieving a sustainable transport sector in the future due to their very low carbon emissions, low noise, high efficiency and flexibility in grid operations and integration. Electric vehicle technologies are associated with energy storage systems and charging mechanism.

PRODUCT RANGE

- EV Batteries
- Charging Station
- Scooter
- Motorcycle
- 3 Wheeler Loader
- 5 Wheeler Loader
- Rickshaw
- Off-grid/Hybrid solar charging Solutions



EV BATTERIES



SCOOTER



MOTORCYCLE



RICKSHAW



64V - 100AH
LITHIUM ION BATTERY



CHARGING STATION



3 WHEEL LOADER

EV DIVISION



TECHNICAL SERVICES

BAYKEE technical service department provides routine maintenance services for all major brands of UPS/SOLAR systems. Our national network of factory level certified field engineers provide major and minor preventive procedures for UPS system SOLAR system and the batteries.

Scheduled inspections are designed to address: external operating parameters, internal operating parameters, battery cabinet checks, monitoring system parameters, general conditions, connections and dozens more aspects as defined in our UPS/SOLAR System Maintenance Service Plans.

OUR SERVICES

- ▶ ON Site Trouble shooting Corrective Maintenance
- ▶ Parts and Labor for UPS/Solar System
- ▶ Preventive Maintenance
- ▶ Guaranteed Emergency Response
- ▶ Customer Care Center
- ▶ National Dispatch Center
- ▶ Web-Based Reporting
- ▶ Parts and Logistics
- ▶ Customer Satisfaction Reporting
- ▶ Preferred Customer Rates



DISTINGUISHED OFFICIAL GUESTS AT BAYKEE PAKISTAN



VISITORS GALLERY

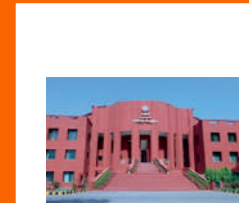
OUR CLIENTS



GUARD
Filters



OUR CLIENTS



OUR CLIENTS



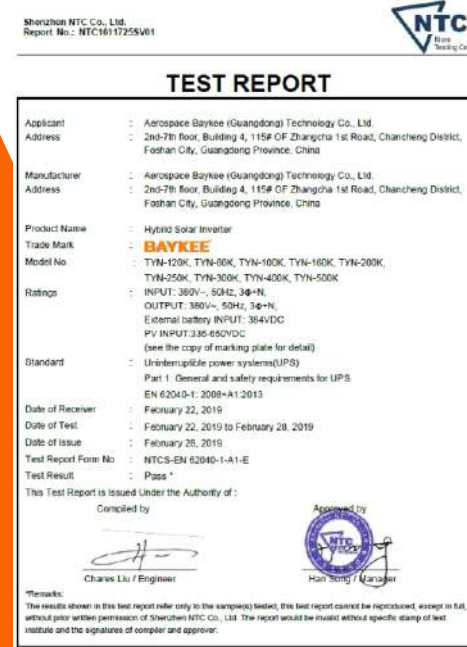
CERTIFICATIONS



CERTIFICATE ◆ CERTIFICATE ◆ CERTIFICATE



CERTIFICATE ◆ CERTIFICATE ◆ CERTIFICATE



EST Standard Testing & Certification



CERTIFICATE ◆ CERTIFICATE ◆ CERTIFICATE

