





- **Evolving for a Better tomorrow..**
- **Providing tailored hassle-Free solutions for Every customer's need.**





- UniPower Egypt Founded:1998 has been born from the idea to unify the power of science, technology, experience, ethics and customer need and expectation care.
- 20 years later, thanks to a relentless quest for innovation, a passionate pioneering spirit and an uncompromising determination to push the boundaries of Energy solution, UniPower dream has been turned into reality.
- **We are one of the market leaders in :**
 - Telecom Power solutions.
 - Energy Storage Solutions.
 - Data Center infrastructure.
 - Renewable Energy.
 - Building Management System (BMS).
 - Solar Energy Solutions.
 - Diesel Generator.



Hany Ashour
Founder and CEO

Why Choosing Us?



- Customer satisfaction as well as the quality and environmental friendliness of our products and Services are achieved through these elements:

- 1- Strong customer focus and support.
- 2- Complete Power Solutions.
- 3- Egypt-wide presence through local platforms.
- 4- Flexibility and speed in delivering customer tailored solutions.
- 5- Technology leadership.
- 6- High quality.
- 7- Reliable products and services.



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Why Choosing Us?

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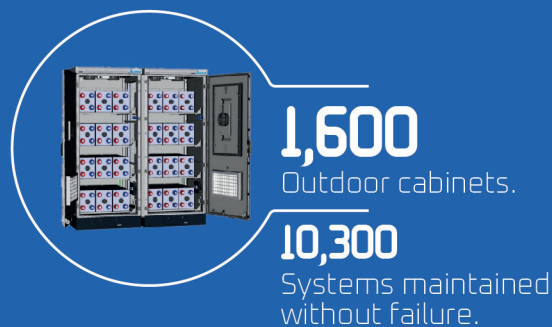
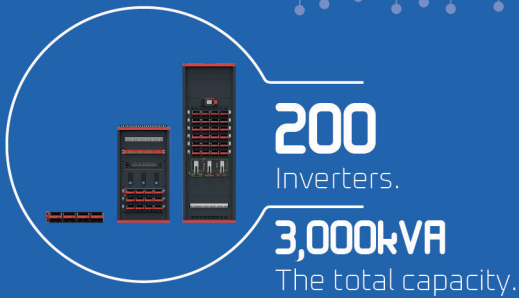
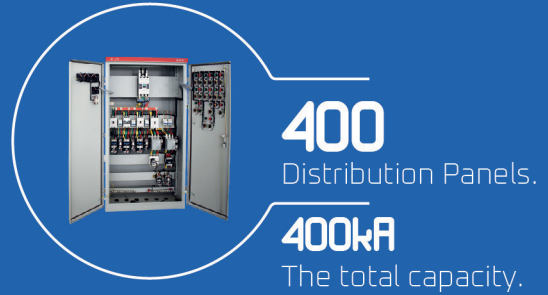
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Unipower in Numbers



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Unipower in Numbers

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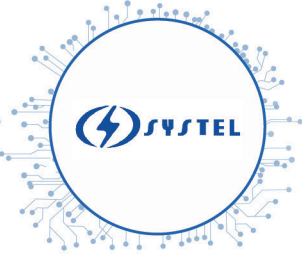
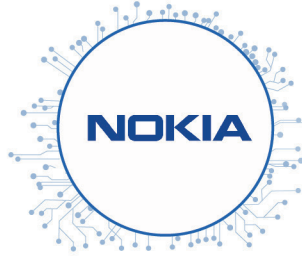
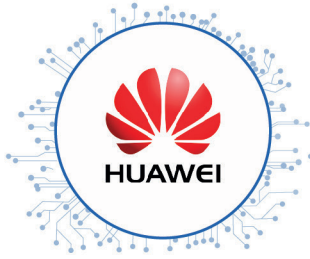
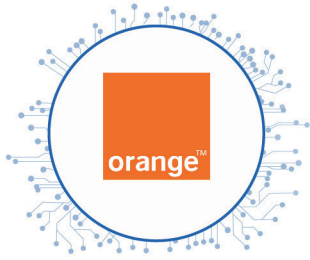
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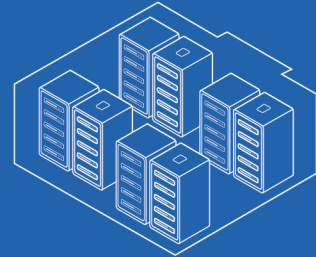
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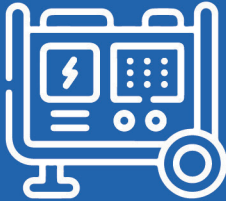




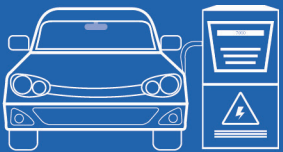
Building
Management System.



Data Center.



Generators.



EV Charging.



DC Power System.



UPS.



Renewable Energy.



Energy Storage.


**Business
lines**

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Business
lines

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Building Management System



- We care for the world around us, and we are proud to be a part of the integration upon which infrastructures and business are built.
- Customized solutions tailored for you.
- Innovative and reliable solutions.
- Customer Oriented.
- Professional team.



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BMS

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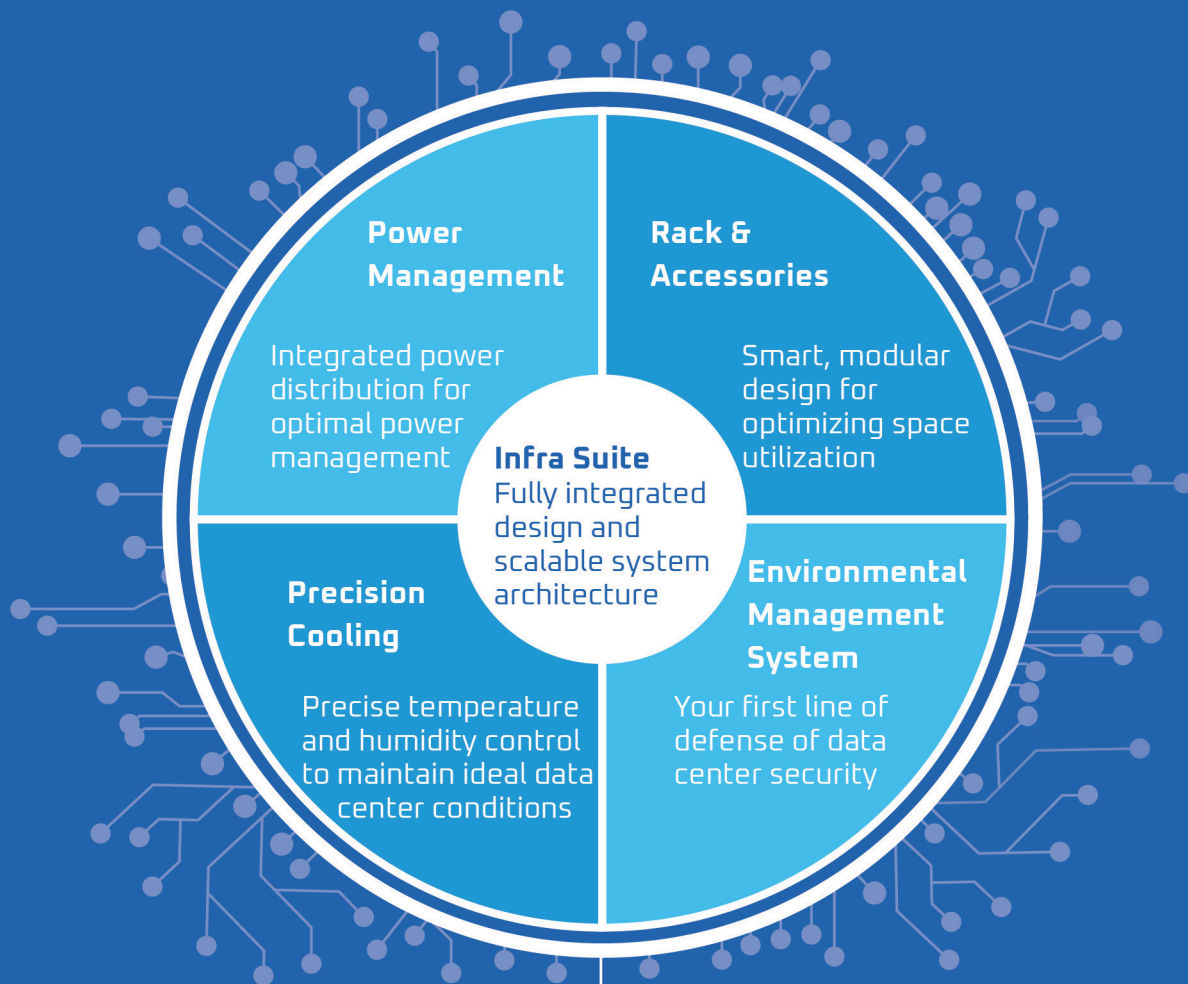
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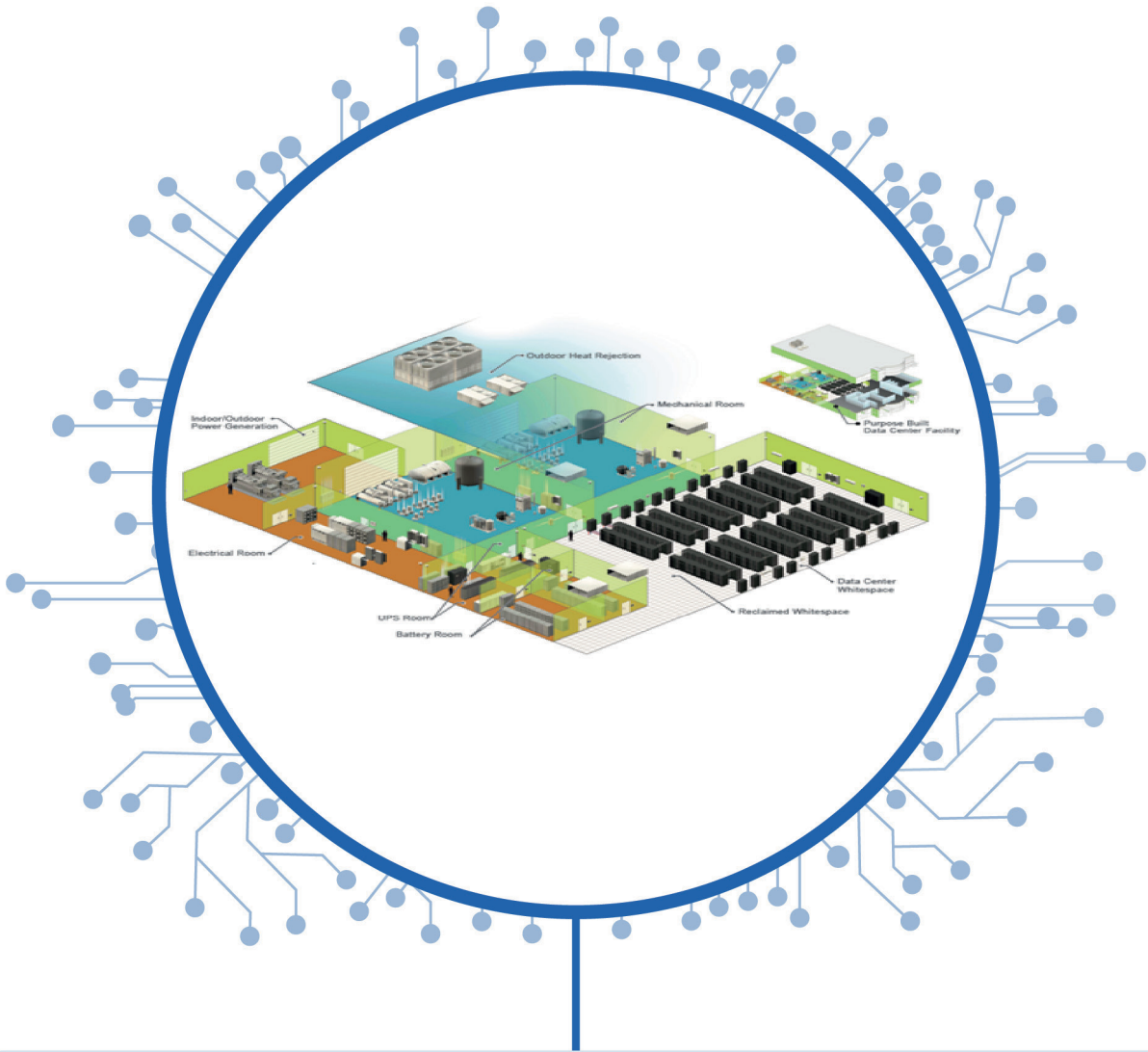
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- Worry-free Operation.
- Higher Reliability.
- Rapid Implementation.
- Lower TCO.
- Energy Savings.





-EMS / physical Security / Building Automation

- Camera
- Security

-Others

- Raised floor
- Fire protection

-Power supply & distribution

- LV PDU

-Rack & accessories

- Rack
- Rack PDU

-Precision cooling

- Room Cool
- Chiller
- Air Distribution Unit
- Row Cool
- Piping

-Wiring & Lighting

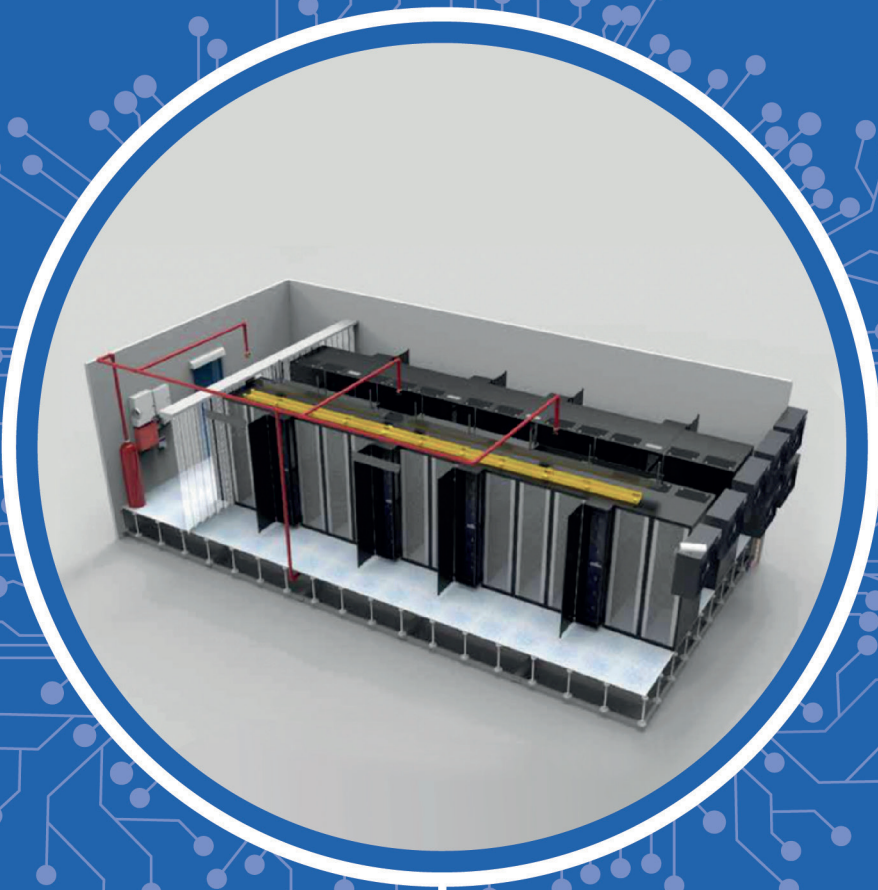
- Wiring
- Lighting

-EMS/DCIM

- Operation management
- Facility management



isPrefabricated Data Center



- Comprehensive power supply implementation.
- Superior flexibility and adaptability.
- Total data center life cycle services.
- Excellent reliability.



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Data
Center.

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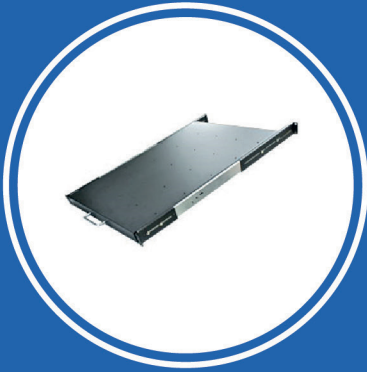
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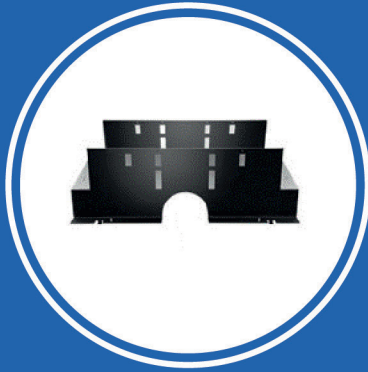
- Adopt SCR with a relay in parallel as a switching device to increase reliability without sacrificing efficiency.
- Rack-mounted type with 1U size for easy installation and relocation.
- Monitor the health of the power source and perform the transfer automatically.
- Support power redundant configurations for high reliability.
- Built-in SNMP for remote management.
- LED indicators show power flow.
- Self-test function.



is Rack Overview



Fixed & Sliding Shelf



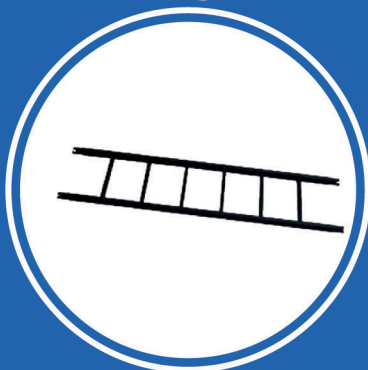
Power Trough with Through-hole



Cable Management



Blanking Panel



Cable Ladder



Magnetic Switch

5 Cooling Overview



ADU



RoomCool



RowCool

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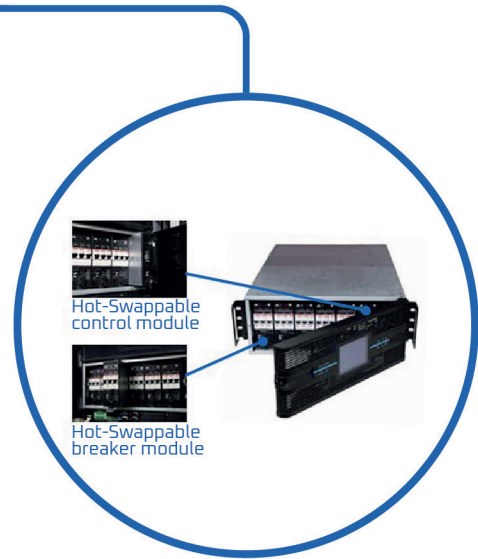
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Indoor System



- High Power Density system.
- Flexibility in configuration.
- Scalable power system up to 96 kW per cabinet and up to 768 kW in parallel.
- Up to 281 kW of solar power can be used in parallel.
- Truly modular building blocks.
- Mirroring the system built for top entry or bottom entry for cabling.
- High efficiency rectifiers up to 98 %.
- Enhanced monitoring and controlling with ORION controller.



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DC Power
System

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Compact Power System



- We offer the most compact system on the market and extremely high power density. CellD units can be installed alongside other equipment, in an existing rack for example. They work seamlessly and at optimal efficiency up to 98% with Delta's EnergE rectifiers and advanced controllers. This configuration ensures reliable system operation, generates saving in OPEX and CO2, and maximizes battery lifetime. The CellD family is ready to work as a hybrid system by simply connecting additional power sources like solar or wind.
- Wide DC power range – systems available from 20 A to 600 A.
- Wide operating temperature range (45- °C to 65+ °C).
- Modular structure and configuration adjusted to customer requirements.
- Highest efficiency – CellD systems use high-efficiency EnergE rectifiers.
- Universal 19" rack-mounted modules to be installed in different 19" structures and cabinets.



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Outdoor System



Hybrid cooling



Active cooling



Passive cooling

- The cabinets are cost-effective and high-density outdoor systems, suitable for any climate. The cabinets are equipped with advanced cooling solutions and ensure substantial savings in both capital and operational expenditures.
- Choice between cost effective or fully optimized configuration.
- Multiple thermal management options.
- Enhanced noise management.
- Flexible configuration.
- Modular.



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● Rectifier Modules , Flexible Ranges.



● Inverter System.



● Solar Charges.



● AC & DC Distributions.



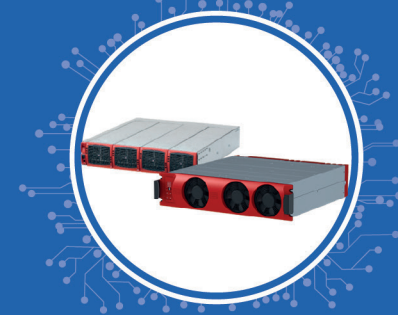
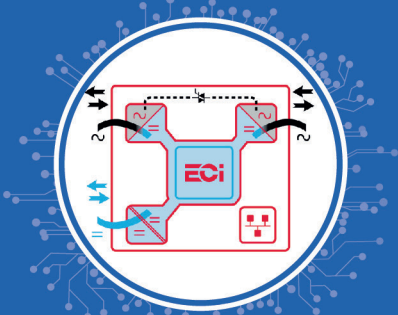
- Rectifier.
- Controller.
- Inverter.
- Solar Charger.
- Converter.

Main features:

- Modular.
- Multi ranges.
- High Power Density.



isInverter System



- More than an inverter. Our patented technology provides additional AC input to supply loads directly from the grid.
- As a result, you benefit from a secure power supply with an overall conversion efficiency of up to %96.
- Our solutions are designed for modularity, reliability, compactness and cost savings.



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- DC/DC converter
- SCR Rectifier
- UPS

APPLICATIONS FIELDS:

- Technological System
- Industrial Procedures
- Hydroelectric Plant
- Electric Plant
- Transports
- Hospitals
- Oil & Gas





- **Optimize site performance with remote monitoring**

With our hardware and software for Energy Data Management, you can collect and analyze data and on that basis make site energy improvements.

The solutions allow you to, for example, optimize energy consumption according to regional ambient factors, and control the settings and performance of fans, air-con and other equipment - all through the management software Delta iDEAn.





- By integrating telecom power solutions with Smart and greener building automation solutions (BASD), we make buildings smarter and greener.

By establishing a common infrastructure that accommodates data exchange between telecom the fire alarm; heating, ventilation, security, access control and energy management systems, we make it possible to maintain all of these low-voltage systems from one central control point.



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Power Safe® SBS EON Technology®

- High Energy Density.
- Fast charge time for outstanding fuel saving.
- Excellent cyclic performance.



Power Safe® V2V

- High Energy Density.
- Fast charge time.
- For use in reliable and unreliable grid.
- Proven TPPL technology.



Power Safe® OPzV

- Proven VRLA tubular gel technology.
- Superb cyclic performance.
- Ideal for solar applications.



Power Safe® OPzs

- Proven flooded technology for demanding applications.
- Long design life.
- Extensive range of single cells available.





Data Safe® HX BATTERIES

- Featuring valve regulated lead acid (VRLA) technology, Datasafe® hx batteries offer superior solutions for a range of uninterruptible power supply (UPS) and its applications.



Data Safe® NPX BATTERIES

- Featuring valve regulated lead acid (VRLA) technology, Datasafe® NPX batteries deliver exceptional power density. Designed for high-rate discharge applications, Datasafe NPX batteries offer a superior value for a range of uninterruptible power supply (UPS) applications.

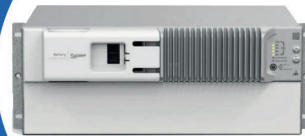


Data Safe® XE BATTERIES

- Engineered to meet the evolving needs of today's datacenters, DataSafe® XE batteries support high-rate discharge runtimes optimized for less than five minutes. Featuring advanced Thin Plate Pure Lead (TPPL) technology, DataSafe XE batteries are an ideal solution for new hyperscale datacenters where reliability, operating costs and space efficiency are essential requirements.



Lithium Battery



● We envision a world with endless energy. A world where energy no longer comes from finite sources. Where all energy is renewable, and the flow of energy never stops. We believe that this is within reach, but to get there we need great energy storage. This is where we come in.

● Strong
● Secure

● Safe
● Simple

● Smart
● Sustainable



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NI-CD Battery



- Extremely long life in extreme temperatures – gaz® nickel-cadmium NI-CD Battery offer a service life of 20 plus years. Built to last, high power rating and very low maintenance make the gaz NI-CD battery an ideal choice for tough territory, such as railroad, Renewables, off-grid, telecommunications and complex duty cycle applications.



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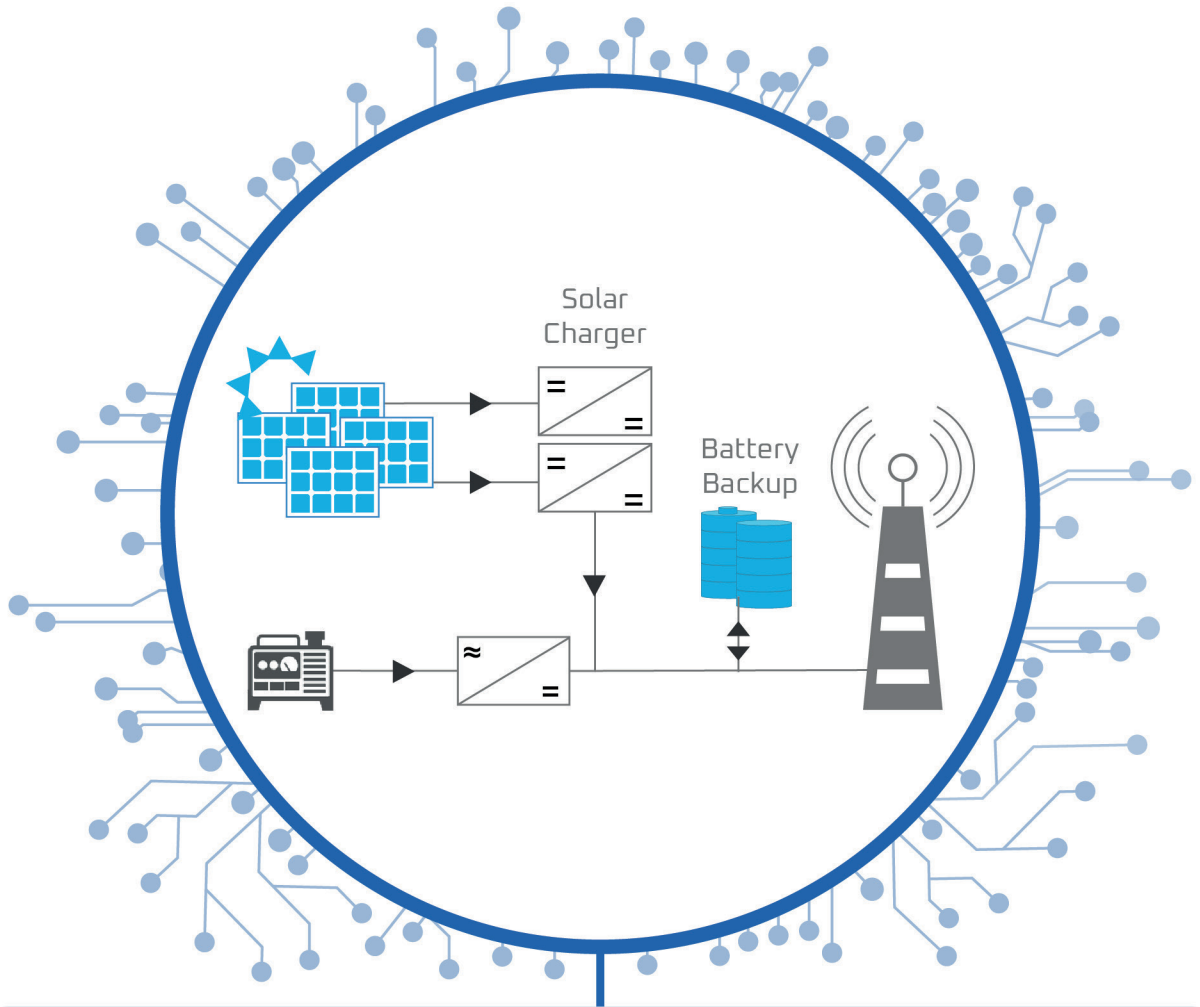
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- Steel structure design, manufacturing and installation
- Continuous Superior Performance
- Timely Delivery & Exceptional ROI
- Site survey and system design
- Photo Voltaic PV System
- Professional Integration
- Customized Systems





- Cost optimization.
- Solar energy production.
- Continuous protection.

- Multiple sources of power.
- Maximum reliability.

● ROI within 2 years. _____

Reduce impact of rising power cost.

● Generate Profits. _____

Reduce CO2 Emissions.

● Small Investment. _____

Any source of power Ready for 5G & beyond.





- **saving energy and the environment**

Where power is unreliable or unavailable, our hybrid energy power solutions ensure telecom services by combining: solar and wind power, diesel generators and fuel cells.



We provide full range of UPSs to fulfill data centers from small to big sizes.

● Large Data Center
NT



20 ~ 500 kVA

● Large Data Center
DPS



160 ~ 1200 kVA

● Large Data Center
DPM (480V)



500 ~ 1375 kVA

● Medium Data Center
NH Plus



20 ~ 120 kVA

● Medium Data Center
DPH



25 ~ 500 kW

● Small Data Center
VX, N, RT



0.6 / 1 ~ 10 kVA

● Rack/Computer Room
EH



10 ~ 20 kVA

● Rack/Computer Room
HPH



20 ~ 120 kVA



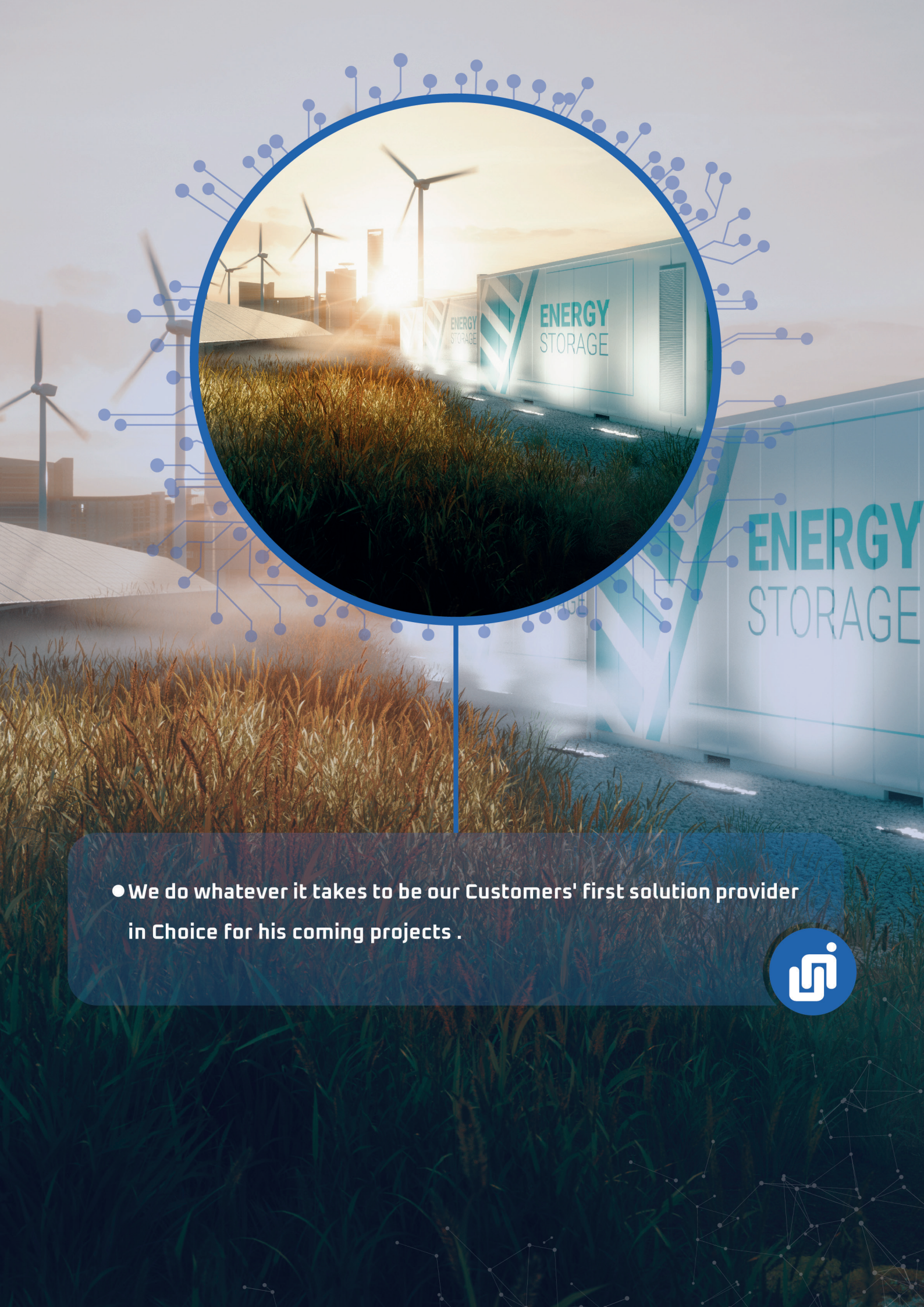
- Cost saving on every day charging.
- Reliable EV charger partner.
- EV charging any where.
- High energy efficiency.
- Low maintenance cost.





- Tradespeople that need a portable generator to use on work sites.
- People who live off-grid and need reliable power source.
- As a backup for a solar battery.
- For use at large-scale events.





- We do whatever it takes to be our Customers' first solution provider in Choice for his coming projects .





Scan this QR Code with
smartphone to verify
the certificate status

CERTIFICATE OF REGISTRATION



This is to certify that:

UNIPOWER FOR QUALITY OF ELECTRICAL ENERGY

31, CENTRAL CORRIDOR, 10TH DISTRICT,
6TH OF OCTOBER, GIZA - EGYPT

*the management system of the above organisation has been assessed and found to
comply with the requirements of the management system standards detailed below*

STANDARD

ISO 14001:2015

Environmental Management System

Certification Scope

Design, Supply, Project Management, Documentation, Installation,
Commissioning, Technical Support and Maintenance of all kind of Industrial
Batteries, Power Supply Systems and Solar Systems Including its Associates
Civil Work, Steel Structures and Closures

Certification Calendar

Certificate Number
UAF3101146919

Client ID
UN2792

Revision No.
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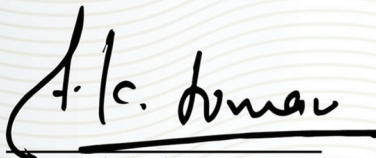
Date of Registration
31-Jan-2024

Valid From
31-Jan-2024

Valid Until
30-Jan-2025

*Note¹: Certification cycle expiry date of this
certificate is - 30-Jan-2027.

Note²: Surveillance 01 will be due in the month of
Dec-2024 and Surveillance 02 will be due in the
month of Dec-2025


Authorised Signatory



*The full duration validity of this certificate is subject to successful & timely completion of the surveillance audit(s). This certificate remains the property of SAGACI Certifications Private Limited and shall have to be returned back when demanded. Information about this certificate can be inquired at the official website of certification.



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STANDARD

ISO 45001:2018

Occupational Health & Safety Management System

Certification Scope

Design, Supply, Project Management, Documentation, Installation,
Commissioning, Technical Support and Maintenance of all kind of Industrial
Batteries, Power Supply Systems and Solar Systems Including its Associates
Civil Work, Steel Structures and Closures

Certification Calendar

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Client ID
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Revision No.
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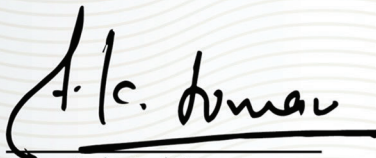
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STANDARD

ISO 9001:2015

Quality Management System

Certification Scope

Design, Supply, Project Management, Documentation, Installation,
Commissioning, Technical Support and Maintenance of all kind of Industrial
Batteries, Power Supply Systems and Solar Systems Including its Associates
Civil Work, Steel Structures and Closures

Certification Calendar

Certificate Number

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Client ID

UN2792

Revision No.

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Date of Registration

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