Inverters & Inverter Systems

Scimitar inverters deliver up to 2kVA in a 1RU, 19-inch rack-mountable package. 12/24/48Vin and 110/230Vout capabilities support a wide range of network power, data center, and industrial applications.

Sageon DC systems - 48V & 24V

Sageon DC power systems rack mount and cabinet systems provide 48V and 24V solutions from 40 to 1200A. All systems incorporate the 2400W Sageon Micro rectifiers.

Accessories

To complement the systems, UNIPOWER offers a comprehensive range of relay racks, battery racks, battery shelves, breaker & fuse panels, ground termination panels and batteries.

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interface that simplifies access to system status, alarm applications. PowCom™ Software features an intuitive network power system monitoring and control of standby systems extremely user-friendly as they can be monitored straightforward. Non-technical operators will find these troubleshooting easy.

Maintenance of UNIPOWER power systems is simple and quick with ‘plug-and-play’ capabilities allowing your DC systems to be monitored and controlled remotely.

Aspiro Tai power systems offer a range of solutions for indoor applications, including compact, highly efficient and reliable solution for indoor DC systems. With optional features like SNMP, the PowCom™ Software can be configured for both on-site and remote monitoring.

Aspiro Tai DC systems are designed to provide optimal performance and efficiency in environments where space and cost are critical. The PowCom™ Software allows remote diagnostics and troubleshooting, making maintenance and repairs easier.

Guardian Shelf solutions are designed to offer a high level of power density, with 208/240V 12.5A/16A, 3840A (185.6kW) total output power. The Guardian Central is ideal for switch centers and can be paralleled to provide 3840A (185.6kW) total output power. The Guardian Hybrid series includes solar, wind, and battery energy storage options, allowing for the efficient operation of renewable energy systems.

Aspiro 1U

The Aspiro 1U system is designed for indoor applications, offering compact and efficient power distribution. The system supports remote monitoring, including remote control and data collection. The PowCom™ Software provides a web server interface that allows off-site monitoring.

Aspiro 2U

The Aspiro 2U system is designed for indoor applications, offering a higher level of power density. The system supports remote monitoring, including remote control and data collection. The PowCom™ Software provides a web server interface that allows off-site monitoring.

Guardian Access

Guardian Access cabinet systems are designed for indoor applications, offering high reliability and flexibility for future expansion. Cabinet configurations range from 200A (1kW) to 3000A (16kW), and can be configured to meet specific requirements.

Outdoor Solutions

Outdoor solutions offer the maximum impact solution for deployment of telecom equipment. The PO30 series is designed to provide power and energy efficiency in a range of telecom applications, ensuring reliable operation and cost savings.

Guardian Hybrid

Guardian Hybrid combines advanced high-integrity components into a single system that can be configured to meet specific requirements, allowing for the efficient operation of renewable energy systems.

Guardian Central

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System Management

The UNIPOWER Systems Axx Advanced controller monitors all system parameters including DC voltage, soil temperature, temperature, system capacity, battery parameters, and more.

Remote diagnostics is an easy-to-use front panel utility, while the local monitoring application allows real-time monitoring of critical system parameters.

Aspiro Rectifiers

Aspiro rectifiers are a family of single-phase, low-profile, three-phase rectifiers designed to provide optimal performance and efficiency in environments where space and cost are critical.

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Remote Diagnostics
Remote Monitoring with SNMP
Battery Monitoring
Interface Level
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Aspiro 1U

Aspiro 1U DC power systems offer a range of solutions for indoor settings, from distributed DC power solutions, such as battery micros, to distributed systems, such as battery micros, 80A (240V, 1400W), and 120A (380V, 4.6kW). The system house includes two Aspiro 1Us, featuring the highly-efficient and scalable 32kVA (2.2kW) Aspiro, and a highly scalable UNIPOWER offers a complete solution for cash register, panel automation, and process control systems. The system is configurable to allow inline installation, with the ability to scale together with DC distribution and in a system controller at the 904A (4.8kW) scale. Options include battery and load disconnects, DC surge protection, on/off DC and AC distribution, and front panel connectivity through the cable management option. The Aspiro 1U provides the ideal compact system solution for small indoor stations, broadband nodes, and core sites.

Aspiro 2U

The Aspiro 2U modular DC back-up system offers a compact, user-friendly solution at the 2kW level. The system comprises 3 modules that provide a compact, user-friendly solution at the 2kW level. The Aspiro 2U offers high efficiency and reliability, with a system controller at the 4.8kW scale. Options include battery and load disconnects, DC surge protection, and additional DC and AC distribution. The Aspiro 2U provides the ideal compact system solution for small indoor stations, broadband nodes, and core sites.

Guardian Access

Guardian Access cabinet and remote systems are designed to meet the needs of operators with very high bandwidth and flexibility for future expansion. Cabinet configurations range from 60A to over 10kA. Both 60A and 208A (10kW) cabinets are configurable to meet specific network needs. Options include battery and load disconnects, DC surge protection, and various DC and AC distribution. The Guardian Access cabinet is a modular solution that allows for quick and easy installation and removal. The cabinet is designed to be flexible and scalable, allowing for future expansion and growth.

Guardian Hybrid

The Guardian Hybrid series offers a complete solution for hybrid DC systems, combining renewable energy sources (such as solar, wind, or fuel cells) with traditional DC systems to provide a robust and cost-effective power solution. The Guardian Hybrid series is designed to meet the needs of operators with high-bandwidth and flexibility for future expansion. The series offers a range of options, including the Guardian Hybrid 150, which combines solar power with traditional DC systems to provide a robust and cost-effective power solution. The Guardian Hybrid series is designed to meet the needs of operators with high-bandwidth and flexibility for future expansion.

Guardian Central

Guardian Central designs meet high DC requirements, provide high reliability, and flexibility for future expansion. With a complete power and distribution design, the system provides flexibility with the ability to add load distribution options, such as backup power supply and circuit breaker solutions. The system is designed to meet high DC requirements, provide high reliability, and flexibility for future expansion. The Guardian Central series offers a range of options for high DC requirements, providing flexibility and reliability for future expansion.

Outdoor Solutions

Outdoor enclosures allow the Guardian to be mounted in a number of environments, including outdoor enclosures, central office applications, and central office applications. The Outdoor Solutions series includes a variety of outdoor enclosures, designed to meet the needs of operators with high-bandwidth and flexibility for future expansion. The Outdoor Solutions series includes a variety of outdoor enclosures, designed to meet the needs of operators with high-bandwidth and flexibility for future expansion.

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Aspiro Rectifiers

The Aspiro rectifiers are a family of single-phase, hot-pluggable, three-phase rectifiers, available in 20A (250VA, 120V), 25A (325VA, 120V), and 30A (450VA, 120V). The high efficiency of the Aspiro rectifiers offers the optimum 1U shelf solution for space-critical applications. The Aspiro rectifiers are designed to meet the needs of operators with high-bandwidth and flexibility for future expansion. The Aspiro rectifiers are designed to meet the needs of operators with high-bandwidth and flexibility for future expansion.

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Maintaining the System

The UNIPOWER Systems ACS Advanced controller monitors all system parameters including DC voltage, outdoor current, temperature, system capacity, battery parameters, and circuit breaker status.

Guardian Access

Guardian Access cabinet solution is a modular system designed to provide access to telecommunications applications with very high reliability and flexibility for future expansion.

Guardian Hybrid

Guardian Hybrid combines inverter and hybrid electrical applications, with very high reliability and flexibility of future expansion. With a complete power and distribution design, the system provides the flexibility of a conventional battery-based approach, and the reliability of load distribution options covering both lead acid and similar battery solutions.

The system delivers up to 84kW (discrete) power per cabinet and is available to provide 60A (60kW) fault current power. Guardian Hybrid is a ideal for switch centres and central office applications.

Outdoor Systems

Guardian Enclosure offer the maximum compact solution for deployment of telecom equipment.

1.5kW per cabinet.

The PDS 1500 series is designed to power indoor and outdoor networks in a range of diverse and challenging situations, significantly improving the connectivity and cost of the installation.

Guardian Central

Guardian Central is designed for large telecom applications, with very high reliability and flexibility of future expansion. The system is designed to provide a complete power and distribution solution, and is highly flexible, offering both load distribution options covering both lead acid and similar battery solutions.

The system delivers up to 96kW (discrete) power per cabinet and is available to provide 1440A (69.6kW) fault current power. Guardian Central is designed for switch centres, and central office applications.

Guardian Shelves

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