SUCCESS STORY

HUAWEI UPS Solution

Success Story

HUAWEI TECHNOLOGIES CO.,LTD

HUAWEI

User Satisfactory Solution for 2015

User Satisfactory Brand for 2015

China Modular UPS Success Enterprise for 2014 and 2015

Top Ten Enterprise Brand for 2014

Huawei UPS Technology Innovation Award for 2014

Huawei UPS Green Award for 2014

Huawei UPS5000-E Data Center Application Award for 2014

Data Center Product Recognition Award for 2013 and 2014

Huawei UPS5000-E User Trust Award for 2013

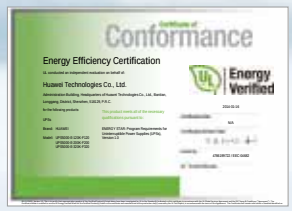
User Trust Enterprise for 2013-Huawei UPS

Data Center Product Recognition Award for 2012 and 2013

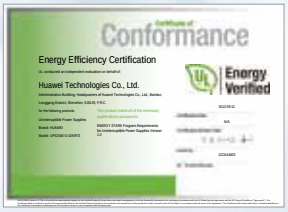
UPS2000-G-6KRTS &6KRTLCQC

UPS2000-G-10KRTS &10KRTLCQC

UPS2000-G-15KRTL &20KRTLCQC



UPS5000-E Energy Star



UPS2000-G Energy Star

Huawei UPS Solution

CCID announced that Huawei 200kVA high-capacity UPS ranked No.1 in terms of market share in 2015-2016.

CCID announced that Huawei modular UPS ranked No.1 in terms of market share in 2015 and 2016.

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Communications Industry

Success Case

HUAWEI
UPS Solution | Success Cases

China Mobile

Shanghai Unicom

Tianjin Unicom

Sichuan Unicom

Harbin Mobile

Sichuan Mobile

Sichuan Telecom

Jilin Unicom

Henan Telecom

Chizhou Unicom

Ningxia Unicom

Ningxia Telecom

Huainan Mobile

Hubei Telecom

Shandong Unicom

German QSC AG

Saudi Arabia Telecommunications

Ooredoo group

Singapore StarHub

Vert

Bmobile

Tanzania TIGO

Congo TIGO

Lacell SU

Glo1

Mobicom

China Mobile is a telecommunication operator that owns the largest network and the most users in the world. It ordered more than 40,000 UPS systems across China in July 2014, ranking the largest order nationwide in 2014. It has a demanding requirement on technology and quality control. Huawei offers a highly reliable power supply system based on its excellent design, comprehensive reliability system, and advanced failure warning mechanism, which gains the customer's recognition for its high reliability, efficiency, energy saving, easy to use, and intelligence features. Huawei UPS ranks No.1 in three out of five bidding phases, namely high frequency 40–120 kVA, high frequency machine 200–400 kVA, and modular UPS.

Shanghai Unicom builds its Jinqiao IDC based on the highest standards of Tier 4, serving as the five-star data center and national disaster recovery center. It is the strategic center for Shanghai Unicom. As the supreme data center, it has a demanding requirement on the feasibility and efficiency of the power supply system. Huawei offers 12 UPS5000 systems with 500 kVA capacity, which form two sets of 2+1 high security level power supply systems. These systems help the customer to build a reliable and green equipment room that features multi-redundancy, strong heat dissipation, and high efficiency of up to 96%.

Tianjin Unicom launches its IDC project due to the IDC rack- and bandwidth-hungry situation. Huawei offers 8 high frequency UPS5000-A systems with 500 kVA capacity, to construct a 2N power supply system. These systems have no single point failures, and are reliable, highly efficient, easy to use, and intelligent. A single UPS only takes 1 square meter for installation and the efficiency reaches up to 96%, which helps significantly reduce the OPEX for the customer.

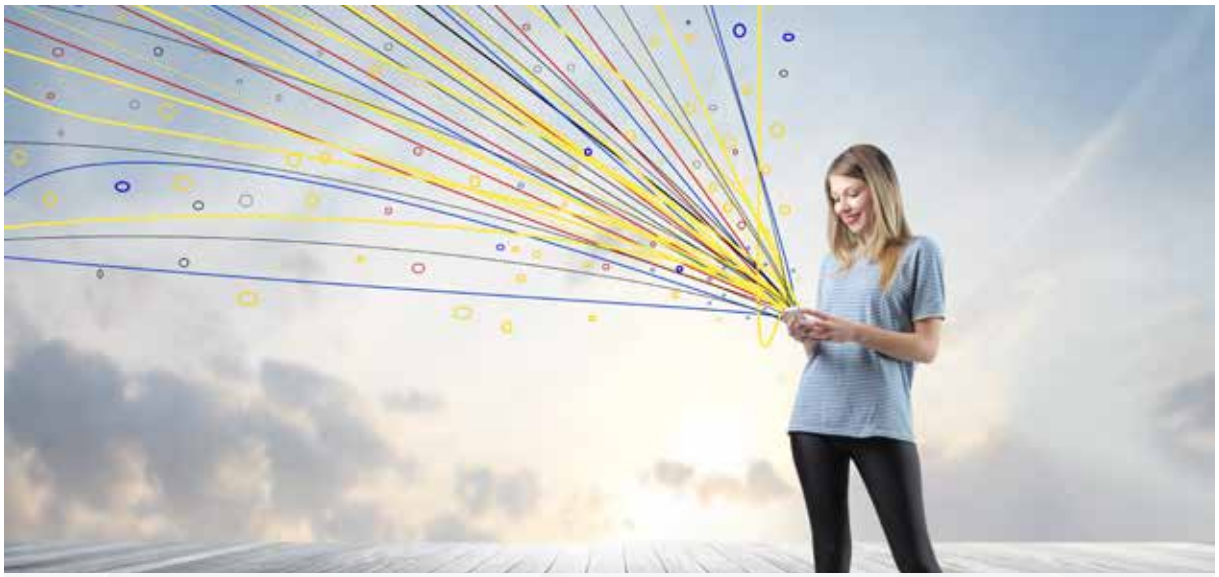
Sichuan Unicom, primary branch in Sichuan province for China Unicom, operates the steady communications network and the most advanced WCDMA network. With the service expansion over recent years, the customer launches the post phase project for its equipment room construction. It requires a UPS system featuring 200 kVA plus and high availability to adapt to new equipment room and facilitate future capacity expansion. Huawei modular UPS5000E system with 200 kVA capacity supports online hot swap and it is easy to expand and maintain. It is with high frequency density and saves about 50% of space. The 2N system ensures the supreme reliable power supplies.

中国移动 China Mobile

Harbin Mobile stores user information and ensures user information security and normal communications. It is concentrated on PUE in order to build a green equipment room. Huawei UPS5000-E modular system significantly reduces PUE to 1.18 for the data center, helping the customer towin the DCD Green Data Center Award—Oscar in the industry.

中国移动 China Mobile

Sichuan Mobile, a wholly-owned subsidiary for China Mobile, has more than 13 million users by the end of 2015 and its network covers 100% of towns and villages in Sichuan province and 95% of the administrative villages. Over recent years, Sichuan Mobile has its billing support system, service hotline, business office service, group informatization, and network quality rank forefront in the China Mobile group. Its eastern region IDC uses 4 Huawei UPS5000-E modular 2N systems with 200 kVA capacity. These systems adopt full modular design, support hot swap, and are easy to install, maintain, and expand, which help the customer to significantly increase its services.

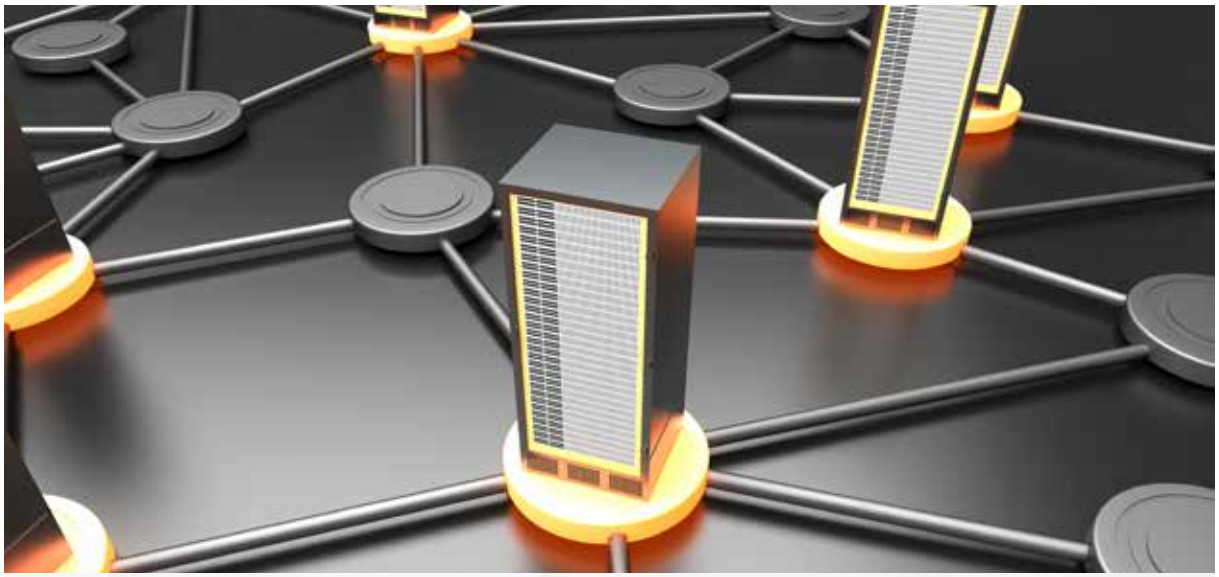


As the largest telecom service provider in the western China, Sichuan Telecom has more than 23 million users. Its services cover bandwidth, fixed line, and mobile communications. The UPS supplies power to core equipment for the provincial branches, so the customer requires a highly reliable and efficient UPS to reduce PUE. Huawei offers a one-stop solution including UPS, battery, and power distribution for the customer. The UPS5000 series systems with 200 kVA capacity adopt auxiliary resource redundancy design and fan error tolerance, which ensures reliable power supplies. Besides, the high efficiency rate of 96% reduces PUE for the data center and reduce OPEX for the customer as a result.

Jilin Unicom, a branch for China Unicom in Jilin province, handles telecom services in Jilin. Its newly built data center has a demanding requirement on the reliability of UPS system. Huawei UPS5000-E system with 200 kVA capacity adopts 2+1 redundancy design, which ensures power supply reliability by its redundancy design for auxiliary resource, control modules, and fan error tolerance. Besides, the high efficiency rate of 96% helps to build a green and energy saving data center.

Henan Telecom is concentrated on availability, efficiency, and installation space for the IDC project. Huawei UPS5000-E series modular systems with 480 kVA capacity can reduce MTTR to 10 minutes and significantly improve availability. The system is of low load and high efficiency (40% load achieving an efficiency rate of 96%), which effectively reduces operation costs. A single UPS only takes 1 square meter for installation, leaving more space for service equipment and meet the customer's requirements.

In the newly built data center in Chizhou Unicom, the customer is concentrated on the operations and maintenance, emission reduction, and energy saving. Therefore, it requires a highly efficient UPS system. Huawei UPS5000-E modular system supports online hot swap, easy OM, and achieves an efficiency rate of up to 96%, it also helps the customer to reduce energy consuming and TCO.



Ningxia Unicom saw rapid data growth over recent years since the entering of big data era. It requires a UPS system that can be easy to expand, green, energy saving, and highly efficient. Huawei UPS5000-E modular system supports online hot swap, is able to expand capacity by adding modules online, achieves an efficiency rate of up to 96%, and supports low load high efficiency. The system helps the customer to meet requirements of increasing services.

Ningxia Telecom expands its data center in order to tackle rapidly increasing services. It requires a UPS system that adopts redundancy design and can avoid single point failures. Huawei UPS5000-E modular system adopts redundancy design for auxiliary resource and control modules, supports continuous and smooth handover, which ensures system reliability.

中国移动 China Mobile

Huainan Mobile requires a highly reliable UPS system to meet data center requirements. Huawei UPS5000-E system adopts full redundancy design and 1+1 control module backup, is easy to operate and maintain, and supports smooth capacity expansion, which meets the customer's requirements and ensures reliable and steady system operations.

中国电信 CHINA TELECOM

Hubei Telecom is the largest comprehensive information service provider in Hubei province. Its newly built data center requires a modular and high efficiency UPS system in order to facilitate maintenance and reduce PUE. Huawei UPS5000-E system with 120 kVA capacity adopts full redundancy design, supports online hot swap, and is easy to maintain. Its efficiency reaches up to 96%, which will be 95% when the load is 20%. It helps the customer to reduce energy consuming and PUE.

China unicom中国联通

Over the past ten years since the foundation, Shandong Unicom saw rapid service growth and significant comprehensive competitiveness improvement. In the core equipment room reconstruction in Jinan three hubs, Huawei UPS stands out from many suppliers for its high efficiency and high density. Huawei UPS5000-E achieves an efficiency rate of up to 95% when its load is 20%, and 96% when its load is 40%, which conforms to the national energy saving and emission reduction policy.

QSC AG

German QSC AG, a traditional fixed network operator that has been successfully transformed to an ICT service provider, is dedicated to provide ICT services for small and medium enterprises in Germany. Huawei UPS5000-E modular system supports reliable power supplies for QSC data centers in Nuremburg and Munich. Its efficiency reaches up to 96%, ensuring system reliability, emission reduction, and energy saving.

Saudi Arabia Telecommunications, the largest operator is middle east, has a demanding requirement on the technology, service, and brand of the UPS system. To better serve its customers, it reforms and upgrades its core equipment room. Huawei UPS5000 series systems win the customer's trust by the full redundancy design, excellent performance, and localization services, and provide highly reliable power supplies for the network equipment.

The Ooredoo group, original Katar telecom, handles core business such as transmission, exchange, traffic, and data in its Maldives newly built data center, which requires a reliable UPS system. However, climate conditions featuring high humidity and salinity poses a demanding requirement on UPS adaptability. Huawei UPS5000 series systems adopt excellent environment adaptability by applying three proofing coatings and strict test verification such as moisture and dust, smog, and salinity. These measures effectively ensure steady service operations for the customer.

In the newly built data center for Singapore StarHub, the customer has a demanding requirement on UPS installation space and efficiency. Huawei provides 2 UPS5000-A systems with 600 kVA capacity to form a dual bus systems. The features of high efficiency, power density, quick shift of ECO modes gain the customer's recognition and ensure secure operations of the data center.

Vert is dedicated to provide high-efficiency and IT exclusive facility solutions for clients. Its branch office in Brazil builds a new data center with a short construction cycle and small civil engineering space. As a vital part for the power supply system for the data center, Huawei UPS5000-E modular systems are quick to deploy, take only a small amount of space for installation leaving more space for the customer's equipment, and meet the customer's requirements.

Bmobile, communications service provider in Papua New Guinea and Solomon Islands, has a demanding requirement on continuous, reliable, and energy saving power supplies. Huawei UPS5000-E modular systems adopt redundancy design for function units and parts, reduce single point failures, and ensure highly reliable services.

Tanzania TIGO, the third largest mobile telephone network operator in Tanzania, is building a new data center, which requires a highly reliable power supply system. Huawei UPS5000 system adopts 1+1 redundancy design, supports an extra wide range of voltage inputs, reduces battery change times during voltage fluctuations, extends the battery service life, adapts to severe power grid environment, and ensures steady and reliable services.

Congo TIGO, a major telecommunication operator in Congo, needs to expand its equipment room capacity to meet data service requirements. It had a UPS accident before so it now has a demanding requirement on the reliability of the UPS system. Huawei offers 2 UPS5000-E systems with 200 kVA capacity, 1+1 redundancy, auxiliary resource, redundancy design for control modules, high reliability, hot swap, and strong capacity expansion ability, which ensures smooth service operations.

Lacell SU, an important mobile operator in Burundi, needs to build a new equipment room for its metropolitan area network data exchange services. Its poor power grid often causes power failures or fluctuated voltages, and therefore it has a demanding requirement on the adaptability and reliability of the UPS system. Huawei offers UPS2000-G series systems featuring 1+1 redundancy design for 8h power supplies, a wide range of voltage inputs, and parts failure warning to adapt to severe power supply environment and ensure reliable and steady power supplies.

Glo1, the second largest operator in Nigeria, needs to build a new transmission equipment room to meet service requirements. However, the local power supply system is very unsatisfactory. Therefore, it requires a UPS system that can adapt to various severe environment and is easy to maintain. Huawei offers UPS5000-E system that supports voltage inputs ranging from 138 V to 485 V, provide steady power supplies, and adapt to local severe environment. Huawei UPS5000-E supports front-end maintenance, hot swap, and ensures steady power supplies for the customer.

MobiCom

Founded in 1996, Mobicom is the first operator providing mobile communications services in Mongolia and the largest mobile communications operator in Mongolia. It requires an integration power supply system that can be rack-mounted, produces low noise, and does not bring disturbance to surroundings. Huawei offers UPS2000-G series systems which can be tower-mounted or rack-mounted, produces noise less than 45 dB, and does not bring disturbance to surrounding offices.

Government Industry

Success Cases

HUAWEI
UPS Solution | Success Cases

Ministry of Finance of the People's Republic of China

Finance Commission of Shenzhen Municipality

Zhuhai Finance Bureau

Government Cloud Program of Karamay in Xinjiang

Xiangyang Cloud Data Center

Shanxi Development and Reform Commission

Inner Mongolia Development and Research Center

Shannxi Administration of Surveying, Mapping, and Geoinformation

Longgang District People's Government of Shenzhen Municipality

Xicheng District People's Government of Beijing Municipality

The Ministry of Water Resources of Yunnan

The Ministry of Water Resources of Tibet

Yiyang Public Security Bureau

Shanghai Public Security Bureau

Huangshan Public Security Bureau

Tianshui Public Security Bureau

People's Procuratorate of Guizhou

The High Court of Guangxi Zhuang Autonomous Region

Shanxi Provincial Audit Department

Yunnan Provincial Kun Ming Local Taxation Bureau

Moscow Police Office

Sparta Stadium

Havana Harbor

中华人民共和国财政部
Ministry of Finance of the People's Republic of China

Ministry of Finance of the People's Republic of China would expand the capacity in the existing limited space equipment room and they need to continue with services during reconstruction. Huawei offered the UPS5000 solution and replaced the original UPS with a new one, which took 2 days to finish replacement, installation, and commissioning. During the capacity expansion, the ministry of finance was able to provide their services as usual.

深圳市财政委员会

Finance Commission of Shenzhen Municipality manages huge information data and would build a new data center to accommodate increasing data services. The equipment room is built for financial data exchange, which has a demanding requirement on the UPS reliability and intelligent ability. Huawei UPS5000 provides reliable power supply for data center services and appeals to customers based on its full-redundancy and high-reliability fault tolerance design, strong load ability, and intelligent network management for different UPS systems.

珠海市财政局

Zhuhai Finance Bureau plans finance and budgetary revenue and expenditure for the government of Zhuhai municipality and manages and monitors various fiscal revenues. The original UPS solution provided by a joint venture manufacturer was damaged due to a thunder stroke. Huawei UPS5000–E adapts to harsh environment based on its 6KV/5KA lightening protection and anti-surge design and its lightening protection ranks number 1 in the industry. Moreover, the existing batteries can be reused to reduce investment costs.

قاراماي رايونى
克拉玛依区
KARAMAY DISTRICT

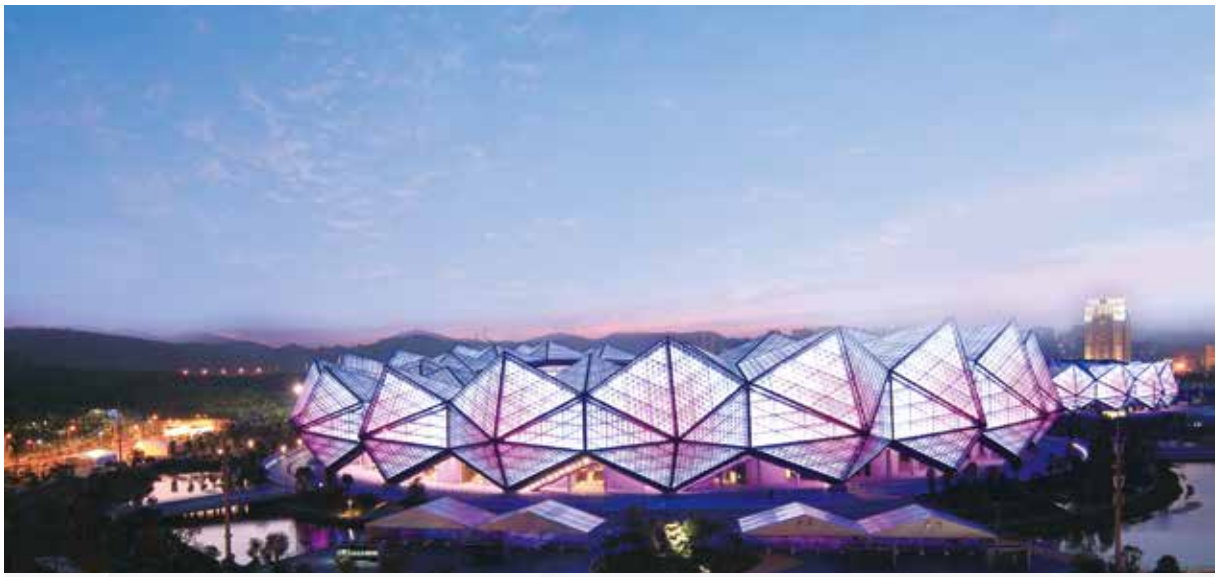
Government Cloud Program of Karamay in Xinjiang is the innovation center of national cloud computing. It requires high reliability, green and efficient power supplies. Huawei provides more than 20 UPS5000-E featuring 600 kVA systems to build a 2N power supply framework. The UPS module and double ECM redundancy design ensures 99.9999% high reliability power supply. When the load rate reaches 40%, system efficiency is up to 96%, which satisfies the green data center requirements.

Xiangyang Cloud Data Center is Huawei's cloud service supporting center in central China and national service data backup center. It requires high reliability, green and efficient power supplies. Huawei provides more than 20 UPS5000-E featuring 600 kVA systems to build a 2N power supply framework. The UPS module and double ECM redundancy design ensures 99.9999% high reliability power supply. When the load rate reaches 40%, system efficiency is up to 96%, which satisfies the green data center requirements.

Shanxi Development and Reform Commission is committed to drafting policies for Shanxi economic and social development based on the comprehensive research. It plays a vital part in Shanxi economic and social development. The original UPS system provided by X broke down and Huawei quickly responded with a solution to resume the services. Huawei UPS5000-E modular full redundancy, module input and output, and quick fault isolation ensure reliable and continuous power supplies for post loads.

Inner Mongolia Development and Research Center is the think tank and provides decision making services for the inner Mongolia autonomous region. It requires to build a new equipment room but the space is limited. The UPS system can only be located in a 7 m^2 power distribution room, where there is already a power distribution cabinet and a UPS system. Huawei UPS5000-E system only requires 0.5 m^2 space for installation and it can be installed against the wall, which saves more than 50% of installation space compared with that of our vendors. Modular redundancy design meets the application requirements and provides high reliability and full redundancy power backup.

Shannxi Administration of Surveying, Mapping, and Geoinformation provides geographical information mapping services and exchanges information with National Administration of Surveying, Mapping, and Geoinformation. It requires to build a new equipment room featuring high reliability and full redundancy power supplies. Huawei UPS system is able to expand in real time for matching the load capacity. Huawei UPS5000-E system adopts full redundancy design featuring communication bus control and high reliability. It can be expanded based on customer service requirements.



龙岗政府在线
www.lg.gov.cn

Longgang District People's Government of Shenzhen proactively responds to national medium and long term education reform and development program, and develops intelligent and digital education. To promote the digital education, it requires to build a new core equipment room. E-schoolbag end access has time effect, which features more daytime, less night time, more working days, and fewer holidays. Huawei UPS5000-E modular system enables smart power nap, which autonomously disables some modules during idle service mode and ensure the high efficiency during UPS working hours. This saves energy and reduces energy charge for the government.

北京西城
www.bjxch.gov.cn

Xicheng District People's Government of Beijing Municipality is in charge of important government work and has a demanding requirement on power supply safety, energy saving, and emission reduction. Huawei UPS2000-G system ensures the power supply stability by 2+1 redundancy system. Its energy efficiency reaches up to 95% and it is acknowledged as the energy star of first-batch in global and first in Asia and pacific region. It also receives approval by UK ECA. The features for key component failure alarm and primary and secondary load power off greatly improve the power supply stability.

The Ministry of Water Resources of Yunnan monitors water resource status. It requires to upgrade the existing equipment room. However, the original tower UPS cannot meet the power requirement for the upgraded equipment room so it needs to be replaced. Moreover, the integrated design of the original UPS makes it hard to maintain. In this case, Huawei provides the UPS5000-E modular system to enable the customer to expand capacity based on service requirements. Power module, bypass module, and control module enables hot plug and easy maintenance.

The Ministry of Water Resources of Tibet is a key national department for water resource development and utilization. Due to high altitude and poor power grid environment, power supplies cannot be ensured for important loads. Huawei UPS2000-G series enable a wide range of input voltage and adapt to various power grid environment, ensuring stable and reliable power supplies. Moreover, the open network management agreement integrates with the existing monitoring system, which reduces investment costs for the customer.

益阳公安

Yiyang Public Security Bureau requires to reconstruct the existing system in order to better support the 110 alarm system. It requires a highly reliable UPS system to ensure continuous services. Huawei UPS5000-E modular system adopts full redundancy design for key components, among which power module redundancy enables overall power distribution redundancy. This system ensures highly reliable power supplies and reduces costs.

上海市公安局

Shanghai Public Security Bureau uses the big data application platform to improve crime fighting accuracy and reduce crimes by big data application analysis. This helps Shanghai to create a secure and stable social environment for transformation development. To ensure the stable running of the platform, the bureau requires a secure, reliable, and intelligent power supply system. Huawei UPS5000-E modular system adopts full redundancy design for key components, which ensures high reliability of the overall system. Modular design and intelligent management system make the system easy to maintain.

With informatization and big data evolution, public security informatization reconstruction is urgent. Huangshan Public Security Bureau requires to add a new UPS system to reconstruct the existing police system. It requires a highly reliable and efficient UPS system for following the government appeal for energy saving and emission reduction. Energy efficiency for Huawei UPS 5000-E modular system reaches up to 96%. Full redundancy design for key components and high reliability ensure the safety and continuity of the police system.

Tianshui Public Security Bureau develops an informatization police system based on the city security development platform. It requires to build a new UPS system to meet development requirements. To ensure stable services, it requires a highly reliable UPS system, which should be easy to maintain. Huawei UPS5000-E system enables a wide range of voltage input and key component failure alarm, which greatly improve system reliability. Power module, bypass module, and control module are easy to maintain and expand.

The original UPS system for People's Procuratorate of Guizhou has been used for a long time, and regular maintenance and problem tackling have grown to be a risk for the system. To solve the complexity of system maintenance, Huawei provides the UPS5000-E modular system. Operating and maintenance personnel can remotely view and manage the system through mobile equipment such as mobile phones. This reduces customer field checks from one time a week to one time a month.

The High Court of Guangxi Zhuang Autonomous Region is the national judicial department. It stores huge amount of important information and has a demanding requirement on power supplies. Huawei UPS5000-E system featuring 600 kVA helps the court for achieving information security by highly reliable design for module redundancy, fan error tolerance, and key component failure alarm.

Shanxi Provincial Audit Department requires to upgrade the existing equipment room for meeting service requirements and informatization development. It requires a highly reliable and efficient UPS system. Huawei UPS5000-E modular system adopts full redundancy design for key components, ensuring secure and reliable services. Featuring low loads, high efficiency, environment protection, and energy saving, this system meets the requirements of green energy.

Yunnan Provincial Kun Ming Local Taxation Bureau requires to upgrade the power supply system by expanding the capacity in a limited space equipment room and tackle the difficulty for system management and maintenance. Huawei UPS5000-E modular system replaces with the age old tower UPS, greatly reducing installation space. Its modular design makes it easy to expand capacity based on service requirements and easy to maintain.

Moscow Police Office manages the whole transportation in Moscow, which has a large amount of data so it has a demanding requirement on the stability and reliability of the UPS system. Its offices are scattered and it is difficult to deploy the UPS system. Huawei provides more than 100 sets of UPS2000-G systems with 5 kVA/6 kV lightening and surge protection, which enable an extra wide range of voltage inputs. The failure warning for key components significantly improves the system reliability and ensures the smooth operations of the police office.

Sparta Stadium, located in Moscow, is one of the football stadiums for the world cup of 2018. To tackle problems of scattered power supply equipment and difficult deployment, Huawei UPS2000-G system with 15 kVA capacity adopts 2+1 redundancy design to ensure the reliable and steady power supplies to the key equipment. Besides, Huawei provides more than 100 sets of single machine systems with 6 kVA capacity, which enable an extra wide range of voltage inputs and provide failure warning for key components. This significantly improves the reliability of the power supplies to the stadium and ensures the smooth implementation of sports events.

Havana Harbor is a key logistics distribution center in Cuba. Its data center stores custom clearance and logistics data, which can cause severe consequence if a power failure occurs. Huawei UPS2000-G series systems and UPS5000-E modular system enable an extra wide range of voltage inputs and win the customer's recognition for the high reliability.

Financial Industry

Success Case

HUAWEI
UPS Solution

Success Cases

China Construction Bank

Agricultural Bank of China

Bank of Communications

China Everbright Bank

The People's Bank of China Zhengzhou Central Sub-branch

The People's Bank of China Anqing Central Sub-branch

China Life Insurance(Group) Company

The People's Insurance Company (Group) Of China Limited

Citic Trust

China Banking Regulatory Commission Sichuan Office

Sichuan Rural Credit Union

Chongqing Rural Commercial Bank

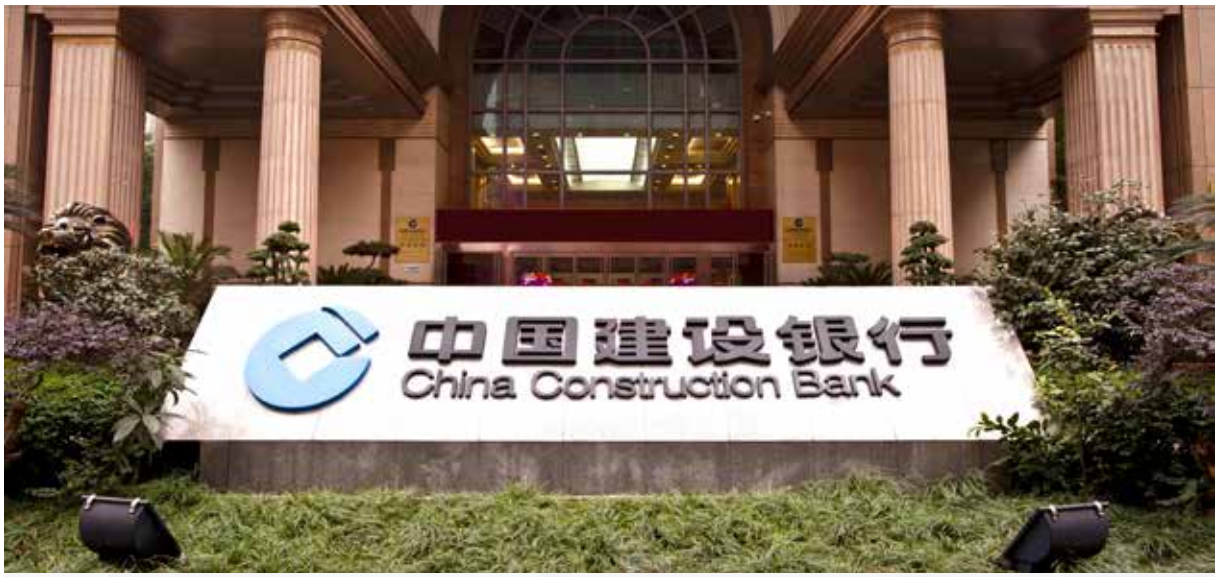
Bank of Jiujiang

Guilin Bank

Shunde Rural Commercial Bank

Turkey Halkbank

National Commercial Bank



中国建设银行
China Construction Bank

The newly built counter of China Construction Bank handles huge number of settlements and access every day. To ensure continuous power supplies and reliable service operating, Huawei offers the UPS5000-E modular system, featuring full redundancy design, double backup control unit, fan error tolerance, centralized dispatch, and decentralized control.

中国农业银行
AGRICULTURAL BANK OF CHINA

The agriculture, rural area, and farmer service center of Agricultural Bank of China requires a reliable power supply system to ensure service operating. Huawei UPS5000-E system prevents harmonic pollution and tackles frequency fluctuation and under voltage problems. Complete modular design ensures the best reliability for the customer.

交通銀行
BANK OF COMMUNICATIONS

Bank of Communications was founded in 1908, boasting the longest history in modern China. Huawei UPS system features high reliability, efficiency, and easy application, which make Huawei the supplier for bank of communications for UPS purchasing. Huawei UPS systems have been used in many data centers for bank of communications.

Bank
中国光大银行

China Everbright Bank Beijing branches are distributed widely, which have a demanding requirement on service operating reliability. Huawei UPS2000-G series provide reliable and efficient power supplies, and flexible tower installation. The system can ensure stable operating of banking services.

The People's Bank of China Zhengzhou Central Sub-branch is the department level local office in Henan province for the People's Bank of China. Its weak electricity rooms at office buildings of different floors, settlement center monitoring duty offices, television conference rooms require the UPS system to be absolute reliable, have strong capacity expansion and green energy saving ability. Huawei UPS5000-E modular system offers highly reliable N+X redundancy power distribution solutions, and supports capacity expansion during service increasing. It also features low loads and high efficiency. When the load reaches 40%, the efficiency is up to 96%. This greatly reduces operating costs for the customer.

The People's Bank of China Anqing Central Sub-branch uses Huawei UPS5000-E system for the data center. The system features a wide range of voltage input, adapts to local power grid environment, and provides multiple protection measures to ensure the reliability.

中国人寿 CHINA LIFE

China Life Insurance (Group) Company is the biggest commercial insurance group in China, whose services are widely distributed in China with offices stretching to towns and countryside. It requires reliable and stable UPS systems, which can be monitored remotely. Huawei provides several hundreds of UPS systems for branches nationwide. The system enables an extra wide range of voltage input and frequencies, and adapts to harsh power grid environment. Moreover, the system is able to remotely build networks and monitor dynamic UPS operating parameters in real time. Service reliability is achieved for the customer.

PICC 中国人民保险

The People's Insurance Company (Group) of China Limited is a comprehensive insurance company and one of the biggest insurance companies in the world. To get the service system online quickly and simplify the following operating and maintenance, Huawei offers the UPS5000-E modular system supports online hot plug and facilitates easy maintenance. The system efficiency reaches up to 96%, saving energy and reducing TCO.

中信信托 CITIC Trust

Citic Trust is a national financial organization, which is monitored and managed by China Banking and Regulatory Commission. It boasts the biggest asset management scale and the strongest operating and managing ability among the industry. The data center requires a highly reliable and easy-to-maintain UPS system to ensure service stability. Huawei UPS2000-G system enables a wide range of voltage inputs and stable and reliable outputs to ensure safety power supplies. Moreover, the system can be installed flexibly and monitored remotely.

CBEC 中国银监会

China Banking Regulatory Commission Sichuan Office monitors banks, financial asset management companies, trust and investment companies, and other deposit financial institutions in Sichuan province. The original UPS system in the key equipment room almost reaches the service life period so the power supply system requires reconstruction. Huawei UPS5000-E series devices are used to build a 2N power supply system, and the original batteries are used for load backup. Huawei UPS system adopts full redundancy design for all modules and supports online hot plug. This facilitates fault rectification for each single module and ensures highly reliable power supply.

四川省农村信用社
SICHUAN RURAL CREDIT UNION

Sichuan Rural Credit Union manages, instructs, and coordinates rural credit cooperatives all over Sichuan province. It shoulders the responsibility of providing finance services for 68-milion farmers in Sichuan. Its branches are located in rural areas, featuring poor power grid quality such as fluctuations in the power supply system. Huawei UPS2000-G system enables a wide range of voltage inputs, which adapts to local power grid environment and provides reliable and high quality power supplies for the customer.

重庆农村商业银行
CHONGQING RURAL COMMERCIAL BANK

Chongqing Rural Commercial Bank has a lot of branches that are widely distributed. Huawei UPS2000-G 1+1 parallel system enables the best reliability for the customer and adopts aggregation management for the infrastructure of all branches, which is able to detect faults quickly and give solutions accordingly.

九江银行
BANK OF JIUJIANG

Bank of Jiujiang is one of the strongest commercial banks in Jiangxi province. To facilitate reliable and stable informatization development, Huawei UPS5000-E modular system enables smooth capacity expansion. Moreover, installation space for a UPS system takes only 0.5 m^2.

桂林银行
GUILIN BANK

Guilin Bank has 43 branches and 7 holding village banks, whose services cover Guangxi regions. Increasing services requires a highly reliable UPS system that is able to deploy quickly. Huawei UPS5000-E N+1 system adopts full redundancy design for modules and online hot plug for components. This system is quick to deploy and is highly reliable.

顺德农商银行
SHUNDE RURAL COMMERCIAL BANK

Shunde Rural Commercial Bank is the first rural commercial bank updated from a rural credit union on a county level in Guangdong province with more than 300 branches stretching to towns and countryside. It requires the UPS system to be able for remote control. Huawei UPS2000-G series is able to reuse the original batteries, which helps reduce investment costs for the customer. Moreover, the system can be remotely monitored, controlled, and managed, which helps reduce a large amount of maintenance fee.

HALKBANK
TÜRKİYE HALK BANKASI

Turkey Halkbank, one of the major international financial banks in Turkey, has a large number of users. With increasing services, it faces dramatically increasing information data so it needs to build a new data center, which ensure absolute reliable power supplies for the data center and set zero tolerance for power failures. The UPS system should be flexibly installed and be quick and easy to deploy for each branch. Huawei offers 300 sets of UPS2000-G systems to ensure zero power failure for the data center.

National Commercial Bank (NCB), the largest bank in Saudi Arabia, has more than 400 branches and offers comprehensive commercial bank services. It has a demanding requirement on a reliable UPS system. Huawei UPS2000-G series systems support online hot plug and the unique warning system for key parts improves system reliability. The system helps to ensure continuous services for NCB.

Radio, Television, and Media

Success Case

HUAWEI
UPS Solution | Success Cases

21Vianet Group

Phoenix International Media Center (Beijing)

Daily Tech

China Education Television

State Administration of Press, Publication, Radio, Film and Television of Tianjin

Oriental Cable

Shanxi Broadcast & TV Network Intermediary (Group) CO., LTD.

Jishi Media Information Hub Center

China Broadcasting Xinjiang CO., LTD.

Chongqing Publication Group

Three Nets Media

Hengshui Radio and Television Center

Dragon Telecom

Happigo Co., Ltd.

Turkey Osman Archives Bureau

世纪互联
www.21vianet.com

21Vianet Group is a leading carrier-neutral internet data center services provider in China. It requires a large scale, green, energy saving, and reliable UPS system. Huawei UPS5000 system perfectly satisfies the customer's requirements for a reliable, efficient, easy to use, and intelligent power supply system. Up to now, Huawei has already provided more than 200 large-capacity UPS systems for the customer.

鳳凰網
ifeng.com

Phoenix International Media Center (Beijing) is an open media architecture integrating broadcasting, production, media office, visiting and experiencing. It requires the UPS system to be stable, reliable, cost-effective, and easy to deploy. Huawei UPS5000-E modular system is quick to install, easy to maintain and expand, which perfectly satisfies the customer's requirements.

德利迅达 Daily Tech

Daily Tech is a high tech company which provides internet infrastructure. It plans to build an IDC equipment room in Zhuan bridge cloud base within half a year. Huawei provides more than 100 UPS5000-E modular systems featuring 600 kVA and double bus. The system is highly reliable, easy to maintain, efficient with low loads, and cost effective. This project is completed within a month, which perfectly satisfies the customer's requirements.

中国教育电视台 CHINA EDUCATION TELEVISION

China Education Television is committed to developing high definition and network programs. It requires an efficient and reliable UPS system to ensure the production of high definition programs. Huawei UPS5000-E system offers excellent loads, power grid, and environment adaptability. Its low loads and high efficiency make the system cost effective.

天津广电网络
TIANJIN BROADCAST & TV NETWORK

State Administration of Press, Publication, Radio, Film and Television of Tianjin requires a reliable UPS system for continuous power supplies to ensure more stable and reliable television programs. Huawei UPS5000-E system adopts full redundancy design for power, control, and communications bus modules, which enables the system to expand quickly and supply power stably.

OCN
东方有线

Oriental Cable requires a UPS system that takes a small space and has a high power density due to limited space in its Guangdong equipment room. Huawei UPS5000-E system featuring 320 kVA forms a 2N double general bus system, whose reliability reaches the highest level. It adopts the modular design and installation space takes only 0.5 m^2. It saves about 50% of installation space compared with that of traditional tower UPS system.

陕西广电网络
www.sxbctv.com

Shanxi Broadcast & TV Network Intermediary (Group) CO., LTD. has a limited equipment room and the power grid environment is poor with severe fluctuations. Therefore, it requires a UPS system to adapt to the mountainous power grids. Huawei UPS system is able to provide up to 300 kVA power supplies with the installation space of only 0.51 m^2. The power factor is 1 and the system enables voltage inputs ranging from 138 V to 485 V. The strong power grid adaptability is able to satisfy power supply requirements in mountainous areas.

吉视传媒
JISHI MEDIA

Jishi Media Information Hub Center is the transmission center for broadcasting and television business. Huawei UPS5000 system featuring 400 kVA adopts redundancy design for functional units and components, which enables fault rectification of single module. The system ensures reliable power supplies and satisfies the customer's requirements.

新疆中广传播有限公司
China Broadcasting XinJiang Co., Ltd

China Broadcasting Xinjiang CO., LTD. requires to replace the original UPS system as it reaches the service life period. Besides, services grow fast and power supply conditions are poor. The company requires a UPS system to be reliable and easy to expand. Huawei UPS5000-E system enables voltage inputs ranging from 138 V to 485 V and boasts the best adaptability in the industry. Moreover, the system modular design enables it to expand easily in the future.

重庆出版集团
CHONGQING PUBLISHING GROUP

Chongqing Publication Group a comprehensive press sponsored by Chongqing municipal committee and government, which hosts 14 editorial offices such as politics and economy, education, and science and technology. During replacing the original UPS system, Huawei provides UPS5000 series products, featuring an efficiency rate of up to 95.7% and intelligent management for batteries, and reducing the installation space by 50%. The system helps to save equipment room space and following operating and maintenance fees.

三网传媒
Three nets media

The original UPS system for Three Nets Media Hunan has been age old, occupying large installation space, and making loud noise. Besides, it often reports failure and no professional operating and maintenance personnel takes care of that. In this case, Huawei provides UPS2000-G series featuring 20 kVA to support the customer. It only takes 3 U space for installation and has configured alarms for key components to avoid power failures and sustain services for fast growing.

衡水广播电视网
www.hsrtv.cn www.hsrtv.com

Hengshui Radio and Television Center provides radio and television services such as analog, digital, and network televisions. There are a lot of equipment installed in the equipment room. Therefore, the customer requires a UPS system that can be installed flexibly and save unnecessary space. Huawei UPS2000-G system offers flexible installation methods such as rack mount and tower mount. It saves space, is easy to maintain, reduces time for installation and commissioning, and ensures smooth services.

迅龍 DRAGON TELECOM

Dragon Telecom is gradually transforming from telecom value-added operators to digital new media telecom and will replace the original communication equipment in 2000 m^2 with IT devices, which are used for lease and digital media programs. Huawei UPS5000-E modular system is able to reach the efficiency of 96% with 40% loads. The system is green, energy saving, and will help the customer to deploy data centers efficiently.

happiGO 快乐购

Happigo is one of the top hundred enterprises in Hunan strategic emerging industry. Its original UPS system in the call center is age old and requires a modular UPS system to improve the reliability. Besides, the equipment room space is limited so the customer requires the UPS system to be installed in a small space. Huawei UPS5000-E modular system adopts 2+1 redundancy design to ensure power supply reliability and can be installed in a space of only 0.5 m^2, which saves 50% of installation space.

Turkey Osman Archives Bureau stores rich historical information of the Osman Empire. It has a special requirement on the UPS system and loads. Huawei UPS2000-G systems adopt redundancy design and large capacity battery for power backup to ensure secure and reliable information storage and management during frequent power failures in short periods of time and longtime power failures.

Education Industry

Success Case

HUAWEI UPS Solution | Success Cases

Southeast University Wireless Valley Lab

Northeastern University

Lanzhou University

Beijing University of Technology

Institute of Disaster Prevention

Shanxi Provincial Education Department

Turkey ULAKBIM

Uzbekistan e-education optical network

Imperial College London

東南大學

Southeast University Wireless Valley Lab is a national communications lab in Nanjing. It requires a highly reliable UPS system. Huawei UPS5000-E modular system offers N+2 redundancy power supply system, which allows redundancy design for all key components. This system ensures reliable power supplies for the wireless valley lab.

東北大學
Northeastern University

Northeastern University is the first super computing center in the north east. Huawei UPS5000-E modular system featuring 320 kVA offers low loads with high efficiency, low PUE, low power consumption, and low electricity expenditure. The system supports hot plug, easy maintenance, and strong load adaptability, which as a result reduces operating and maintenance fees and satisfy the customer's requirements for a green and energy saving UPS system.

蘭州大學

Lanzhou University is a national comprehensive university under the ministry of education. Its original UPS system faces the problems of low efficiency, messy layout, and difficult OM and management. Huawei integrated UPS2000-G system integrates input and output power distribution, power distribution in a row head, and UPS host computer in a single cabinet. This system greatly reduces installation space, maintains cabling in order, and keeps the efficiency rate of up to 95%. The system satisfies the customer's requirements for a green, energy saving, and decent power supply system.

北京工業大學

Beijing University of Technology is a national key comprehensive university under the people's government of Beijing municipality, focusing on engineering and integrating science, economy, management, liberal arts, law, and arts. To sustain reliable power supplies for devices in newly built school buildings, Huawei provides the UPS5000-E system featuring module redundancy, fan error tolerance, and failure alarm for key components. The system perfectly satisfies the customer's requirements for a reliable UPS system.

防灾科技学院
INSTITUTE OF DISASTER PREVENTION

Institute of Disaster Prevention is building a lab for observing earthquake precursor using information data, which is a vital part for national prevention and reduction of natural disasters. It requires a highly reliable power supply system. Huawei UPS5000-E modular system ensures the reliable power supplies for the lab by its redundancy design for power module, control module, and general communications bus.

山西省教育厅
Shanxi Provincial Education Department

Shanxi Provincial Education Department is developing a public service platform for education management against the backdrop of strengthening the integration of information technology and education. Huawei UPS5000-E modular system achieves the efficiency rate of 95% with 20% loads, which is green and energy saving. The modular design enables the system to expand easily when services increase. All key components adopt redundancy design, ensuring reliable service operating.

Turkey ULAKBIM aims to meet the information requirements of colleges and research institutes by providing network information technology support, and information and documentation transmission services. By doing so, it increase the client's efficiency and productivity. However, the existing traditional tower-mounted UPS does not perform efficiently with low loads. Huawei UPS5000 series systems can achieve an efficiency rate of up to 96% and take only a small amount of space for installation. The system is also easy to monitor and manage.

Uzbekistan e-education optical network has been launched since September in 2011. Its second phase will connect to 164 higher education stations. However, the power grid environment is severe in UZ and therefore it requires a UPS system with strong adaptability. Huawei UPS2000-G series systems are able to provide stable power supplies, adapt to various power grid environments, and finally win the customer's favor.

Founded in 1907, Imperial College London, is famous for its research quality, which ranks top three among UK colleges. To ensure reliable power supplies to the IT equipment, it needs to order a batch of UPS systems. Huawei UPS2000-G series systems win the customer's recognition by its small installation space, easy deployment, and easy operations.

Health Care Industry

Success Case

HUAWEI UPS Solution | Success Cases

Hefei General Hospital

Karamay General Hospital

The Second People's Hospital of Hunan Province

Health Department of Tibet

Shanghai Municipal Commission of Health and Family Planning Huangpu Qu Office

Hulun Buir Municipal Commission of Health and Family Planning

South China Medical Economic Research Institution

Hunan Huairen Healthy Corp.

Saudi Arabia MOH

合肥市第一人民集团医院

Hefei General Hospital was founded in 1954 and is a Grade III Class A hospital. It requires an efficient modular UPS system, which can save energy, reduce emission, and maintain easily. Huawei UPS5000-E system adopts N+1 redundancy design, which ensures easy maintenance, high efficiency (up to 96%), and energy saving. This system facilitates the development of medical systems and informatization platform.

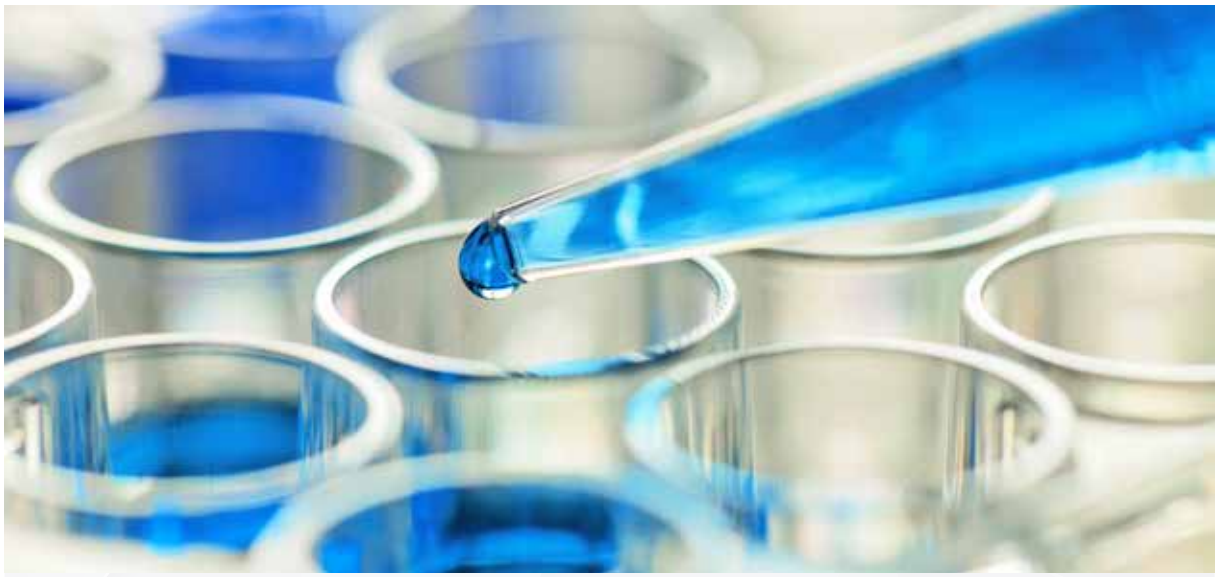
克拉玛依市中心医院

Karamay General Hospital is a Grade III Class A hospital that integrates medical treatment, teaching, research, and disease prevention. The power grid there is poor and suffers from huge fluctuations and frequent lightening strikes. Therefore, the hospital requires a highly reliable UPS system. Huawei UPS2000-G series offers a wide range of voltage inputs, which reduces times for shifting batteries during fluctuations and extending the battery service life. Moreover, the configuration of 5 kVA lightening protection significantly reduces the downtime accidents.

湖南省第二人民医院
The second people's hospital of hunan province

The Second People's Hospital of Hunan Province was founded in 1950 and is a non-profit Grade III Class A hospital under the Health and Family Planning Commission of Hunan Province. The hospital requires its two equipment rooms to be free from downtime in 24h*365d and ensures the data security of the core network. Huawei UPS5000 system offers failure pre-alarms for key components and a wide range of voltage inputs, which ensures the system reliability.

Health Department of Tibet is responsible for healthcare planning and health resource allocation in Tibet regions. It requires a UPS system to adapt to natural and power grid environment in Tibet. Huawei UPS5000-E 1+1 modular system offers the widest range of voltage inputs, is able to resist all kinds of power supply interference, and ensures continuous power supplies.



Shanghai Municipal Commission of Health and Family Planning Huangpu District Office handles disease prevention and control in Huangpu district. It requires to build a new equipment room for the surging services' requirements, and a reliable, energy saving, and emission reducing UPS system. Huawei UPS2000-G series systems' energy efficiency reaches up to 95% and it is acknowledged as the energy star of first-batch in global and first in Asia and pacific region. Moreover, it is able to provide stable and reliable power supplies by its strong power grid adaptability.

Hulun Buir Municipal Commission of Health and Family Planning is upgrading the county level hospitals through informatization and therefore it requires a highly reliable UPS system. Besides it requires the UPS system to be able to install flexibly. Huawei UPS2000-G system is highly reliable and can be racked mounted or tower mounted, which adapts to different environment of the hospital. It takes only 2U for rack mount, saving the customer 60% of space.

South China Medical Economic Research Institution is under China Food and Drug Administration. It requires to expand the existing equipment room and deploy a small-size UPS system in a single cabinet. The height of Huawei UPS2000-G system featuring 20 kVA is only 3U, which significantly saves installation space for rack mount and leaves sufficient space for installing primary and secondary batteries. Moreover, the SNMP can remotely monitor the UPS system and can shut down the system remotely during emergency. This ensures the information security for the institution.

Hunan Huairen Healthy Corp. is one of the top hundred national retail drug stores. It owns a modern medicine logistics center covering thousands of square meters. Huawei UPS5000-E 1+1 modular system adopts redundancy design, where online hot plug is available for the power module, control nodule, and bypass module. This system satisfies the customer's requirements for a highly reliable UPS system and is able to expand easily.

Saudi Arabia MOH wants to improve the medical system informatization and its services by reconstructing the data center. It chooses YAMAMA hospital from Saudi Arabia capital Riyadh to be a trial site for pushing the national medical system informatization development. Huawei UPS2000-G series systems ensure the efficiency rate of up to 96% and reduce OPEX for the customer. The system can be tower-mounted or rack-mounted and greatly facilitate deployment for the customer.

Large Enterprise

Success Case

HUAWEI
UPS Solution | Success Cases

SINOPEC Beijing Research Institute of Chemical Industry

SINOPEC Yunnan Oil Products Company

SINOPEC Shanghai Gaoqiao Company

Xinjiang Oilfield Company

Daqing Oil Field CO., Ltd.

CSIC Longjiang GH TURBINE Co. Ltd.

Baosteel Group Guangdong Shaoguan Iron & Steel Co., Ltd.

Dongfeng Motor Group

Chenzhou Tobacco

Fountain Data Solution

Beijing Xinwei Telecom Technology Group Co., Ltd.

Guomen Building

Singapore Co2

SINOPEC Beijing Research Institute of Chemical Industry is one of the earliest institutes that embark on comprehensive petrochemical research. It requires a UPS system that can adapt to severe environment and maintain easily. Huawei UPS 5000-E modular system offers voltage inputs ranging from 138 V to 485 V, which ensures the power supply in severe environment. Moreover, modular and online hot plug design ensures easy installation and maintenance.

SINOPEC Yunnan Oil Products Company requires all branch refuel stations to perform networking operating. It requires a UPS system to be able to operate at a high altitude and under high temperatures. Huawei UPS2000-G system does not need derating even at an altitude of 1000 m and operates reliably when the ambient temperature reaches 40° C, which satisfies the customer's requirements.

中国石化上海高桥分公司
SINOPEC SHANGHAI GAOQIAO COMPANY

SINOPEC Shanghai Gaoqiao Company is the first giant cross-industry and cross department economic complex, and covers a wide range of services. There are a lot of devices in the equipment room so the company requires a UPS system that can adapt to different loads and achieves high efficiency rates. Huawei UPS5000 system enables an output PF of up to 1 and adapts to various loads. The efficiency rate reaches up to 95% with 20% of loads, which reduces operating costs.

中国石油

Xinjiang Oilfield Company is a giant oil industrial enterprise under Petro China. The power grid is poor with severe fluctuations. The original UPS used to shift from batteries and suffered from power failures due to lightening strikes. Huawei UPS2000-G system offers voltage inputs ranging from 80 V to 280 V, which reduces times for shifting batteries during fluctuations. Moreover, the configuration of 5 kVA lightening protection significantly reduces the downtime accidents.

中国石油

Daqing Oil Field CO., Ltd. is a mainstay within China National Petroleum Corporation. In oil extract 4th factory, the UPS system is distributed in different stations so the company requires remote control for the system to reduce operating and maintenance costs. Huawei UPS2000-G system uses SNMP to perform centralized management and the system offers voltage inputs ranging from 80 V to 280 V, which better adapts to the poor power grid in oil fields.

广瀚燃机 TURBINE

CSIC Longjiang GH TURBINE Co. Ltd. is the only gas turbine company in China integrating research and development, production, and marketing. It requires a UPS system that can save power consumption, occupy a small space for installation, and deploy easily. Huawei UPS5000-E modular system takes only 0.5 m^2 for installation, and its efficiency rate reaches 96%, which helps reduce power consumption in the equipment room. The system can be installed against the wall and facilitates the room layout arrangement.

BAOSTEEL 韶关钢铁

Baosteel Group Guangdong Shaoguan Iron & Steel Co., Ltd. requires a small size and highly efficient UPS system for its new IDC project. Huawei UPS5000 system featuring 400 kVA takes only 1 m^2 for installation, saving 50% of space. The system efficiency rate reaches 95% with 20% of loads, significantly reducing power consumption and operating costs.

东风汽车 DONGFENG MOTOR

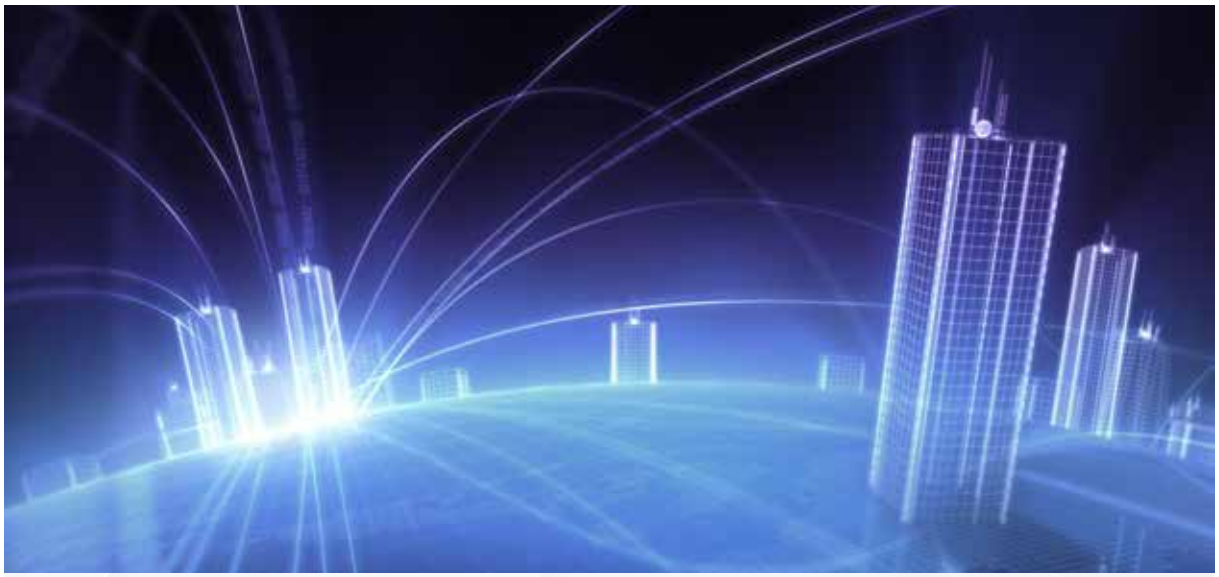
Dongfeng Motor Group requires a highly reliable UPS system with high density, which can serve for at least 10 years. Huawei UPS5000-E modular system featuring 320 kVA takes only 0.5 m^2 for installation. Modular and online hot plug design enables easy expansion based on service requirements, which only needs new modules for the job.

中国烟草 CHINA TOBACCO

Chenzhou Tobacco suffers from service interruption due to unstable power supplies for a long term so it requires a UPS system with excellent adaptability. Huawei UPS5000 system offers voltage inputs ranging from 138 V to 485 V, which is able to adapt to poor power grid environment and resolves the service interruption for the customer.

源商数据 Fountain Data Solution

Fountain Data Solution is a high availability IT service provider for high-end data centers. It requires a reliable and stable UPS system that can easily expand and maintain in the future. Huawei provides 8 sets of UPS5000-E systems featuring 200 kVA for the customer. The system adopts modular redundancy and double ECM design, which significantly improve the system reliability. Moreover, online hot plug facilitates the system expansion and maintenance in the future.



信威通信

Beijing Xinwei Telecom Technology Group Co., Ltd. is one of the leading telecommunication companies in China, whose products serve in military and civil fields. It requires a UPS system with high density and efficiency during the data center expansion. Huawei UPS5000-E modular system adopts 3+1 redundancy design, where a single cabinet capacity can be expanded to 320 kVA and installation space only takes 0.5 m^2. This system satisfies the customer's requirements to expand the capacity while retaining the same room space.

国门大厦

Guomen Building, located near Sanyuan bridge in Beijing, is the office building for foreign nationals and offers leasing services. It requires to expand the power supply capacity by three times while retaining the same room space. Huawei UPS5000 system takes only 1.7 m^2 for installation, and its components can be disassembled and carried. It satisfies the customer's requirements for reconstructing the power supply system.

Singapore Co2 decides to expand the capacity of the existing data center equipment room in order to meet requirements of increasing services. It is concentrated on high density and high efficiency during the capacity expansion. Huawei UPS5000 with 600 kVA capacity adopts 1+1 redundancy design and supports low load and high efficiency. When load is 20%, the efficiency rate is able to reach 95%. The system reduces electricity cost and helps the customer to handle increasing services.

Transportation Industry

Success Case

HUAWEI UPS Solution | Success Cases

Chongqing Jiangbei International Airport
Harbin Taiping International Airport
CAAC Northwest Regional Administration
Wuhan Tianhe International Airport
Hong Kong International Airport
Hefei Xinqiao International Airport
Taiyuan Railway Bureau
Shuo huang Railway
Changsha-Zhuzhou-Xiangtan Intercity Railway
London Underground
Baoji-Lanzhou High-speed Railway
Tianjin Metro of Line 1
Shanghai Shentong Metro Co., Ltd.
Ningbo Rail Transit
CCCC Dredging
Xinjiang Communications Construction Bureau
Department of Transportation of Tibet
Department of Transportation of Yunnan
China State Shipbuilding Corporation

重庆机场集团有限公司
Chongqing Airport Group Co., Ltd.

Chongqing Jiangbei International Airport is one of the largest aviation hubs in southwest China, which owns a complex and self-contained network system. It requires a UPS system to provide continuous power supplies for data centers in airport terminals and other key infrastructures. Huawei UPS5000-E modular system offers a highly reliable N+1 power supply solution for low loads and high efficiency, which follows the national appeal for energy saving and emission reduction.

HLJA

During the equipment room construction, Harbin Taiping International Airport requires that the UPS has high reliability, can adapt to the abrupt change of the power grid, is easy for future capacity expansion, and can adapt to the cold weather in the north. Huawei offers the UPS2000-G product which has a wide range of input voltage and can adapt to extreme environments. In addition, a maximum of four UPS2000-Gs can be connected in parallel and the parallel parameters can be automatically synchronized. The customer can easily expand capacity.

CAAC Northwest Regional Administration is under the Ministry of Transportation and responsible for monitoring the national civil aviation system. It requires a secure and stable UPS system. Huawei UPS2000 offers the industry-leading 5kA/6kV lightening protection port and a wide range of voltage inputs, which ensures secure and stable power supplies. The system supports rack mount and tower mount.

Wuhan Tianhe International Airport is one of the busiest air harbors in China. To handle increasing services, it requires a UPS system with excellent adaptability and efficiency for the 3rd phase expansion project. Huawei UPS5000 high-frequency system offers a wide range of voltage inputs and adapts to the severe power grid environment with fluctuations and frequent power failures. The efficiency rate reaches up to 96%. The system saves electric charges and satisfies the requirements for energy saving and emission reduction.

香港 國際機場 | HONG KONG INTERNATIONAL AIRPORT

Hong Kong International Airport, one of the most busiest airports in the world, connects to 180 destinations around the world and manages more than 1000 flights everyday. It is located along the coast featuring high humidity and high salinity, both of which easily cause the UPS to break down. HuaweiUPS5000-E modular system with 120 kVA capacity adopts redundancy design for power modules and control modules and three proofing coatings to prevent corrosion, solving the customer's problems and ensuring supreme reliable power supplies.

合肥新桥国际机场

Hefei Xinqiao International Airport is an 4E grade hub trunk line, accommodating a huge amount of people flow. Huawei UPS5000 offers excellent input adaptability, accurate and stable outputs, ensuring stable and secure power supplies. Moreover, the system can be installed flexibly.

太原铁路局 TaiYuan RailWay Administration

Taiyuan Railway Administration manages Beijing-Baotou line and Qian'an-Caofeidian line, both of which are key hubs. To improve working efficiency and ensure working safety, Taiyuan Railway Administration plans to upgrade its monitoring system to comprehensive video surveillance system. Huawei UPS2000-G series systems appeal to the customer by its stability, reliability, small size, flexible installation, and easy deployment.

SHUO HUANG RAILWAY
朔黄铁路

Shuohuang Railway requires a stable UPS system that is able to adapt to severe power grid environment with dirt and moist. In the infrastructure network project for LTE, Huawei UPS2000-G system can be installed in the 19-inch cabinet at the customer's equipment room. It can be rack mounted and does not occupy space in the equipment room. It can accommodate 3U batteries. A single cabinet serves as a small-size IT room. Moreover, Huawei UPS2000-G is acknowledged as the global and is green and energy saving.

长株潭城铁

Changsha-Zhuzhou-Xiangtan Intercity Railway belongs to the joint investment of Hunan province and Guangzhou railway group, which pushes the economic integration development of Changsha, Zhuzhou, and Xiangtan. It requires a highly efficient, energy saving, and reliable UPS system, which occupies a small space. Huawei provides more than 30 sets of UPS5000-E modular systems for the customer, which ensure the reliable power supply for each station and promote the UPS large scale application for information integration of railway passenger dedicated line.

兰州铁路
LAN ZHOU RAILWAY

Baoji-Lanzhou High-speed Railway is a major component for national 4 length lines and 4 breadth lines. Distributed stations and complex power grid environment impose challenges on a reliable and centralized monitoring UPS system. Huawei provides more than 150 sets of UPS2000-G systems, which pass 9th grade earthquake tests and various complex power grid environment tests. The system communication card enables remote control for the system.

London Underground, the first underground in the world, boasts a long history and accommodates dense people flow in the station. It has the most strict requirement on industry standards and fire proofing. Its stations are widely distributed and requires centralized monitoring. Huawei UPS2000 integration solution uses low smoke halogen free wires and fire proofing materials that meet its standards. The system enables centralized monitoring for the centuries-old underground by remote networking via ADSL dial and NetEco intelligent network management system.

Tianjin Metro of Line 1 requires a high power density UPS system, which occupies small space for installation, adopts redundancy design, and ensures secure power supplies. Huawei UPS2000-G system adopts redundancy design, equips with high power density, and takes as small as 3U space for 20 kVA system installation, which satisfies the customer's requirements.

上海地铁 Shanghai Metro

Shanghai Shentong Metro Co., Ltd. is a large enterprise invested, developed, and operated by Shanghai Metro. It requires a flexible and small size UPS system in the equipment room as the number of equipment increases. Huawei UPS2000-G series systems appeal to the customer by its stability, reliability, small size, flexible installation, and easy deployment.

宁波地铁

Ningbo Rail Transit requires a reliable UPS system for the informatization project. Huawei UPS5000 series high frequency systems satisfy the customer's requirements, which offer a wide range of voltage inputs and adapt to power grid environment with fluctuations and frequent power failures. Moreover, the system adopts redundancy design for key components and sets failure pre-alarms for vulnerable components. Modules and devices go through dipping paint process to reduce failure rates in poor power grids and ensure reliable power supplies.

中交上海航道局有限公司
CCCC SHANGHAIDREDGING CO.,LTD.

CCCC Dredging is the largest channel construction company in China and is under China Communications Construction Company. Huawei UPS5000-E modular system adopts three-proofing coatings to face poor power grids and ensure highly reliable power supplies. This system applies in CCCC Dredging, satisfying the harbor requirements of salt mist and damp dirt resistance.

新疆交通建设

Xinjiang Communications Construction Bureau builds, manages, and maintains high-grade highways in this region. The Sunshine Communications Project requires a UPS system with excellent adaptability to power grids and environment to ensure highway operation safety. Huawei UPS2000 series systems offer a wide range of voltage inputs and adapt to power grids in different regions. Modules and devices go through dipping paint process to adapt to poor power grids and satisfies the customer's requirements.

Department of Transportation of Tibet is under People's Government of Tibet and requires a small size UPS system in the limited space equipment room. Huawei UPS5000-E system adopts N+1 redundancy design to facilitate single module failure clearance. The installation space is 50% less than that in the industry, significantly saving the equipment room space and satisfying the customer's requirements for a high power density UPS system.

Department of Transportation of Yunnan belongs to People's Government that manages the highway and water way in Yunnan province. It requires a highly efficient UPS system with energy saving and emission reduction. Huawei UPS5000 series systems can achieve an efficiency rate of up to 96% and low load high efficiency feature, where 20% of loads can achieve an efficiency rate of 95%. This system satisfies the customer's requirements for a green and continuous power supply system.

中国船舶工业集团公司
CHINA STATE SHIPBUILDING CORPORATION

CSSC Electronics Technology is jointly developed by CSSC and System Engineering Institute. It requires a highly reliable UPS system for the newly built data center and can adapt to the new IT load UPS system. Huawei UPS2000-G system adopts 2+1 redundancy design and ensures the stable operating of IT devices. The system featuring 20 kVA can be installed in a standard IT cabinet with the height of 3U.

Energy Industry

Success Case

HUAWEI
UPS Solution | Success Cases

State Grid Call Center

State Grid Zhejiang Electric Power Company

State Grid Shanxi Electric Power Company

State Grid Sichuan Electric Power Company

State Grid Hangzhou Electric Power Company

State Grid Chongqing Electric Power Company

Yunnan Power Grid

Hunan Electric Power Research Institute

Hangzhou Electromobile Service Company

Saudi Arabia Oil Company

Laos Backbone Network

国家电网公司
STATE GRID
CORPORATION OF CHINA

State Grid Call Center develops and operates 9558 call center, intelligent interaction website, e-commerce, energy-saving and electro mobile exhibition and experience. The newly built equipment room for the call center requires a new UPS system to provide reliable power supplies for the call center and e-commerce platform. Huawei UPS5000 forms 2 sets of 2N systems, supplying power for call center and information equipment room respectively. It is a highly reliable and continuous power supply system for the customer.

国家电网
STATE GRID
浙江省电力公司
ZHEJIANG ELECTRIC POWER CORPORATION

State Grid Zhejiang Electric Power Company requires a reliable UPS system for the newly built key equipment room. The age old power frequency UPS system costs high energy consumption and occupies a large installation space. In this case, the customer adopts Huawei UPS5000 system featuring 400 kVA to form a 2N system and ensure high quality power supplies.

国家电网 STATE GRID 山西省电力公司 SHANXI ELECTRIC POWER CORPORATION

State Grid Shanxi Electric Power Company is a wholly-owned subsidiary for State Grid and the most important company for power grid planning, development and operating, and power supplies in Shanxi province. Huawei provides more than 100 UPS systems to the customer. The system efficiency rate reaches up to 95%, occupies a small space for installation, can be installed flexibly, and offers a wide range of voltage inputs. This system serves to improve the broadband services for power business halls.

国家电网 STATE GRID 国网四川省电力公司 STATE GRID SICHUAN ELECTRIC POWER COMPANY

State Grid Sichuan Electric Power Company is a wholly-owned subsidiary for State Grid and the most important company for power grid planning, development and operating, and power supplies in Sichuan province. It requires a UPS system to maintain easily and install with small space for the newly built information OM training center. Huawei UPS5000-E modular system requires the installation space of only 0.5 m^2 for a single cabinet and the system is of high power density. It is easy to maintain for the modular system.

国家电网 STATE GRID
国网浙江省电力公司 STATE GRID ZHEJIANG ELECTRIC POWER COMPANY

State Grid Hangzhou Electric Power Company is a key national power supply company under the Zhejiang Electric Power company. Huawei provides 4 sets of UPS5000-E systems for the data center in the new building communications equipment room. The system achieves an efficiency rate of 96% and the installation space for a single cabinet takes only 0.5 m^2. The excellent input and output features ensure high quality power supplies for the data center.

国家电网 STATE GRID
重庆市电力公司 CHONGQING ELECTRIC POWER COMPANY

State Grid Chongqing Electric Power Company is a wholly-owned subsidiary for State Grid. It requires a highly reliable UPS system for the customer service center of 95508. Huawei UPS5000-E system adopts 3+2 redundancy design, 1+1 for main control module redundancy design, which satisfies the customer's requirements and ensures stable and reliable power supplies.

中国南方电网 CHINA SOUTHERN POWER GRID

Yunnan Power Grid is the major company for operating and transaction of power supplies in Yunnan province. A highly reliable, and easy-to-maintain and expand UPS system is required for its electricity transaction. Huawei UPS5000-E system adopts full redundancy design, supports online hot plug and smooth capacity expansion, and is reliable and easy to maintain.

国家电网 STATE GRID

中国电力科学研究院

Hunan Electric Power Research Institute is an acknowledged technology center for electric power companies. It requires a UPS system supporting online hot plug and the double conversion efficiency rate should be higher than 95%. Huawei UPS5000-E highly efficient and modular system supports online hot plug and low loads high efficiency. It requires a small installation space and satisfies the customer's requirements.

国家电网 STATE GRID

国家电网公司电动汽车充电站

Hangzhou Electro mobile Service Company was open for services since Jan 26th, 2011, which provides quality, convenient, and efficient charging services for electro mobiles. Huawei UPS5000-E system ensures power supplies for the service network infrastructure of intelligent charging for electro mobiles.

Saudi Arabia Oil Company, the largest oil producer and the sixth largest oil refining manufacturer in the world, is reforming the company and building a new site. It requires a UPS system that can adapt to both the existing mode and the mode in the new site, can be designed based on its own requirements, and pass correspondent tests. Huawei offers more than 100 UPS2000-G series systems that can support dual firing line 208 V and zero firing line 230 V, adapt to various scenarios, provide standby power, and pass all tests at a time.

Laos Backbone Network, has a core equipment room, 31 backbone transmission points which will extend to 50 in the future, and 37 metropolitan area networks. Each station has requirements on capacity expansion against the backdrop of new service development and centralized monitoring of the UPS system. Huawei offers around 100 UPS2000-G series solutions to meet the customer's requirements and set a good beginning in Laos.

Huawei UPS Solutions
Success Story

Huawei Network Energy
Official Account

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