














Data Center Documentation Portfolio







UPS Product Series

UPS2000-A Series	Product		Features		UPS5000-A Series	Product		Features		
	 UPS2000-A-(1kVA-3kVA)		<ul style="list-style-type: none">• Ultra-wide input voltage range: 110–300 VAC• Efficiency up to 90% in ECO mode• Output PF: 0.8, showing excellent loading capacity of the output			 UPS5000-A-120kVA		<ul style="list-style-type: none">• Three-phase input three-phase output high-frequency tower-mounted UPS• Ultra-wide input voltage range: 138–485 VAC• 5 kA surge protection design and conformal coating, enabling high adaptation to harsh environment• Efficiency up to 99% in ECO mode• Output PF: 1, showing excellent loading capacity of the output		
	 UPS2000-A-(6kVA-10kVA)		<ul style="list-style-type: none">• Ultra-wide input voltage range: 80–280 VAC• Super strong overload capability Output PF: 0.9, showing strong loading capacity of the output• System efficiency up to 96%				 UPS5000-A-(200kVA-800kVA)		<ul style="list-style-type: none">• Ultra-wide input voltage range: 138–485 VAC• Ultra-wide input frequency range: 40–70 Hz• Efficiency up to 96%, reducing UPS power consumption by 50%• Power density up to 300 kVA/rack• Number of batteries adjustable within 30–44	


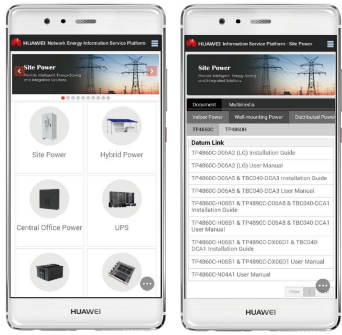

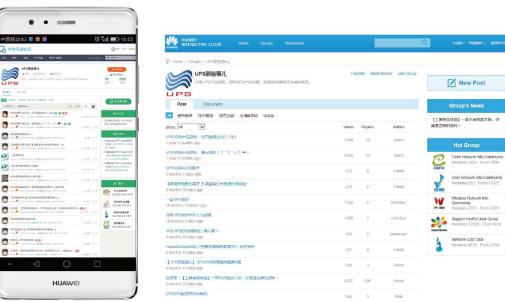
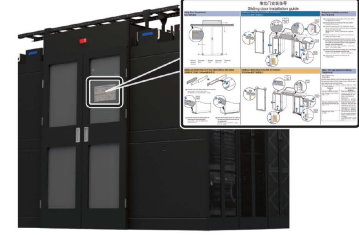
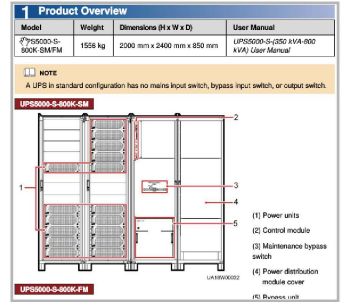

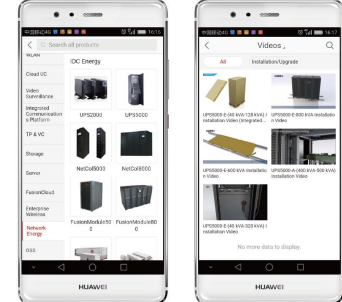

UPS5000-E Series	Product	Features	Product	Features	Product	Features	UPS5000-S Series	Product	Features
	 UPS5000-E-(25kVA-75kVA)	<ul style="list-style-type: none">• Ultra-wide input voltage range: 138–485 VAC• Redundancy design for control modules• Intelligent battery management• Supports intelligent hibernation• 7-inch LCD graphical display• Supports multiple communication modes	 UPS5000-E-(25kVA-125kVA)	<ul style="list-style-type: none">• Ultra-wide input voltage range: 138–485 VAC• No derating at PF (inductive/capacitive) above 0.5• iPower fault warning function• Efficiency up to 96% in online mode• Real-time monitoring of power supply and distribution status	 UPS5000-E-(50kVA-800kVA)	<ul style="list-style-type: none">• Efficiency up to 96% at 40% load and up to 95% at 20% load in online mode• High power density, saving 50% footprint and providing more space for IT equipment• On-demand smooth capacity expansion (a single UPS can be expanded to 800 kVA)• Real-time monitoring of power supply and distribution status		 UPS5000-S-(50kVA-800kVA)	<ul style="list-style-type: none">• Ultra-wide input voltage range: 138–485 VAC• No derating at PF (inductive/capacitive) above 0.5• iPower fault warning function• Efficiency up to 97% at 40% load and up to 96.5% at 20% load in online mode• High power density, saving 50% footprint and providing more space for IT equipment• Hot swap design for modules (hot-swappable bypass, power, and control modules)


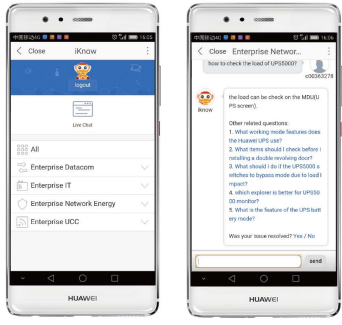

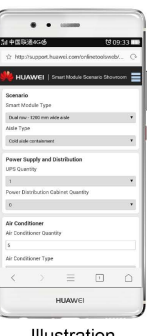



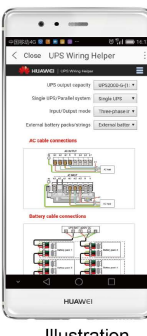

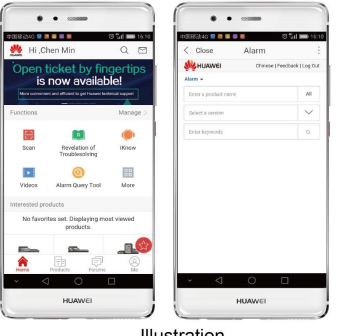


UPS2000-G Series	Product		Features		Product		Features		Product		Features	
	 UPS2000-G-(1kVA-3kVA)		<ul style="list-style-type: none">• Supports tower- and rack-mounting• Supports various optional monitoring cards		 UPS2000-G-(6kVA-10kVA)		<ul style="list-style-type: none">• Ultra-wide input voltage range: 80–280 VAC• 5 kA surge protection design, reducing the failure rate• High power density design, only 2 U high• Number of batteries adjustable within 16–20		 UPS2000-G-(15kVA-20kVA)		<ul style="list-style-type: none">• Ultra-wide input voltage range: 80–280 VAC• 5 kA surge protection design, reducing the failure rate• High power density design, only 3 U high• Number of batteries adjustable within 32–40	

Modular Data Center Series

FusionModule2000 Smart Modular Data Center		FusionModule800 Smart Small Data Center		FusionModule500 Smart Mini Data Center	
Product	Features	Product	Features	Product	Features
<div> Dual-row</div> <div> Single-row</div>	<ul style="list-style-type: none">High-integration design, which integrates all subsystems including cabinet, power supply and distribution, cooling, cabling, and management subsystems2–24 cabinets supported by a single row in a module; 6–48 cabinets supported by dual rows in a single moduleMaximum IT power consumption up to 21 kW/rackStrong environmental adaptability; stable running within wide voltage, temperature, and load rangesBattery temperature detection and warning, intelligent power-off to prevent fire, load power-off rate decrease by 50%Closely coupled cooling, efficient power supply, module-level PUE as low as 1.45 (measured in Shenzhen, China)Aisle containment design for isolation between hot air and cold air, eliminating partial hot spotsStandard components and modular architecture, enabling fast on-demand service deploymentRemote and local intelligent management, mobile O&M	<div> Aisle containment</div>	<ul style="list-style-type: none">Cooling, power, and monitoring all in one cabinet, saving installation spacePreinstallation and pre-commissioning of Converged Cabinet in the factory, allowing quick installation within 4 h2–8 cabinets supported by a single module, supports up to 15 kW IT load, maximum power density up to 7 kW/rackSupports mobile phone app, SMS alarm notification, remote monitoring over the WebUI, and central monitoring of multiple modules, allowing data centers to be unattendedDC variable frequency air conditioner for cooling, hot/cold aisle containment, PUE ≤ 1.37 (average value for Beijing, China)Intelligent power-off of batteries if overheating occurs, preventing fireRedundant design for core components, improving system reliabilityDehumidification available at 10% load, avoiding the risk of condensation in low load and high humidity conditions	<div> 24 U Converged Cabinet</div> <div> 42 U Converged Cabinet</div> <div> Converged Cabinet + network cabinet + battery cabinet x 2</div>	<ul style="list-style-type: none">UPS, power distribution, monitoring, and batteries in one cabinet1 or 2 ICT cabinets supported by a single moduleFactory prefabrication, preinstallation, and pre-commissioning, allowing quick installation within 2 hRemote battery discharge, mobile phone app, SMS alarm notification, and remote monitoring over the WebUIUnified management of multiple sites, enabling easy O&MCabinet-level equipment room, saving footprint by at least 50%Automatic start of civil air conditioners upon power supply, eliminating the risk of equipment room overheatingIntelligent power-off of batteries if overheating occurs, preventing fire

Documentation Experience

Navigation	Online Information Interaction Platform	Fragmented Information	Quick Guide	Multimedia	AR
The comprehensive network energy information platform helps you find information easily.	Provides an interaction platform, professional forum, consultation space, and Q&As for sharing the wisdom of crowds and obtaining online support from Huawei experts.	Ubiquitous tips and easily accessible product information ensure correct operations anytime anywhere.	Product overview at a glance and well-illustrated onsite operations help foster experts in no time.	Brings you a brand new installation and maintenance experience for products in simulated scenarios.	Immersive experience on product documents makes operations easier.
<div> QR code</div> <div> Illustration</div>	<div> QR code</div> <div> Illustration</div>	<div> Illustration</div>	<div> Illustration</div>	<div> QR code</div> <div> Illustration</div>	<div> Illustration</div>

Robot Assistant	Tools	Online Alarms	Scanning Barcodes
The robot assistant iKnow can intelligently interact with you to answer product-related questions in real time.	Diversified tools effectively improve information query efficiency and facilitate work.	Display Huawei product command and alarm information online to support self-help troubleshooting.	Huawei enterprise technical support app allows you to scan product barcodes with one tap to obtain the product information and corresponding documentation.
<div> QR code</div> <div> Illustration</div>	<div><div>Smart Module Scenario Showroom</div><div> QR code</div><div> Illustration</div></div> <div><div>UPS Battery Configuration Simulator</div><div> QR code</div><div> Illustration</div></div> <div><div>UPS Wiring Helper</div><div> QR code</div><div> Illustration</div></div>	<div> QR code</div> <div> Illustration</div>	<div><div>UPS2000-G</div> 2102290246BTE5000001</div> <div><div>UPS5000-E power module</div> 2102310MKD10F1000313</div> <div>Barcodes</div>


Illustration

Huawei Product Documentation

Product Knowledge

- Product Description

Engineering Delivery

- User Manual
- Installation Guide
- Quick Guide
- Commissioning Guide

Operation and Maintenance

- Installation Video
- Commissioning Video
- Augmented Reality
- Maintenance Guide
- Spare Parts Manual
- Alarm Online Help
- Maintenance Video

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Shenzhen 518129 People's Republic of China
Network Energy info email: networkenergy@huawei.com
Huawei support website: http://support.huawei.com/enterprise