



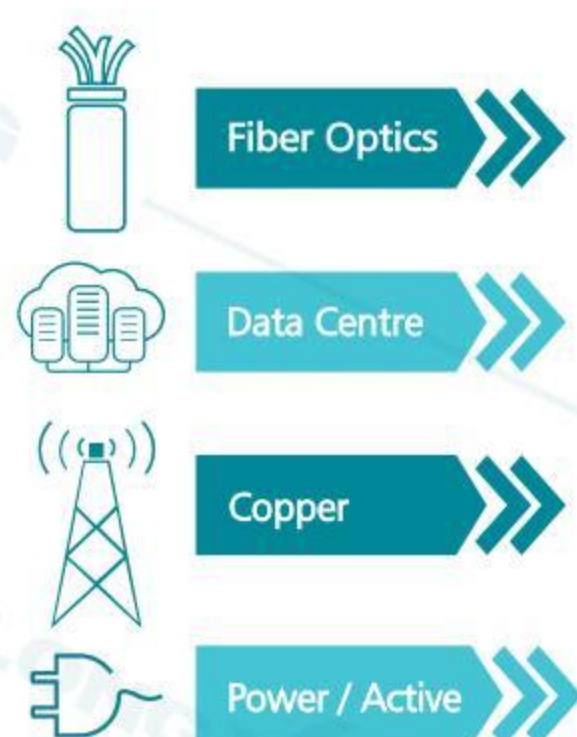
- Network Cabinets
- Power Management
- Data Centre



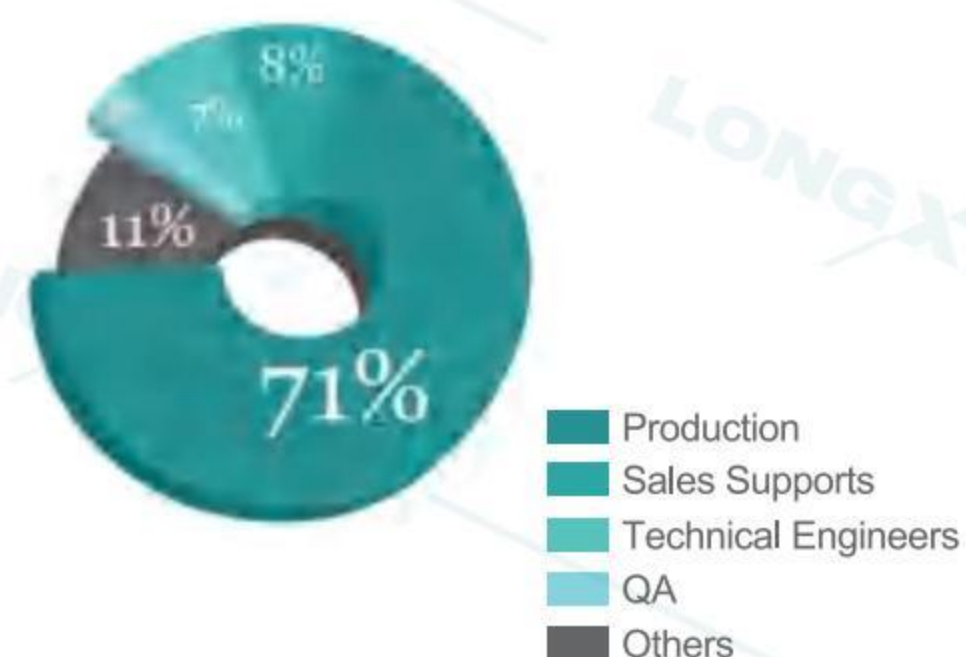
Scan for more details



Products & Services



Staff:800+



Qualification



TL 9000



ISO 14001

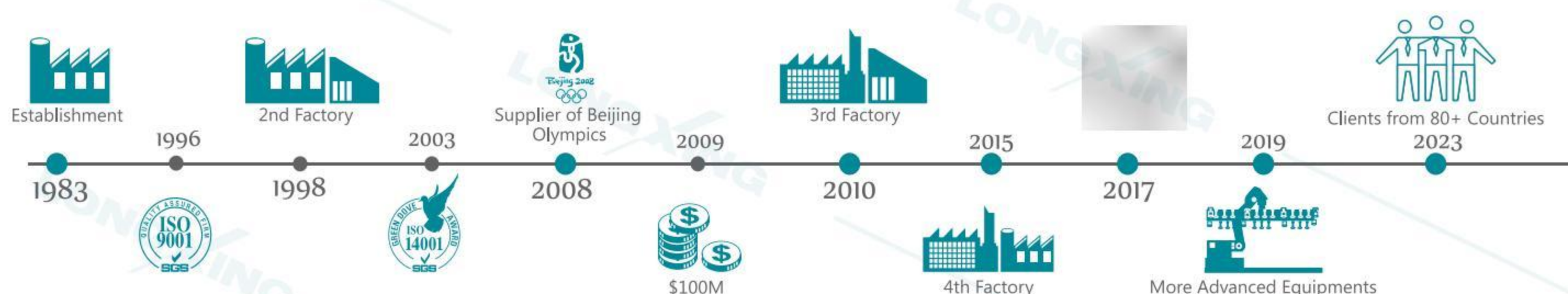


ISO 9001



Quality Guarantee

History of LONGXING




► About us

LongXing has been applying its incomparable know-how in fiber optics and copper to actively develop products that enhance telecommunications for over 40 years.

Our products and solutions extend from the data centre to central offices, curbs and straight to your home. We produce passive and active products, as well as indoor and outdoor products (ex: ODF, network cabinets, distribution boxes, cable tray, systems splice closures, outdoor cabinets, PDUs, micro data centre and optical accessories).

LongXing is an environmental friendly company and we are minimizing the printed documents including marketing brochures. Therefore this brochure does not cover all the products and solutions we provide, for further information please visit us at www.lxtelecom.com, or contact us at info@lxtelecom.com.



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LONGXING ONE-STOP

1 ODFs



2 Patch Panels



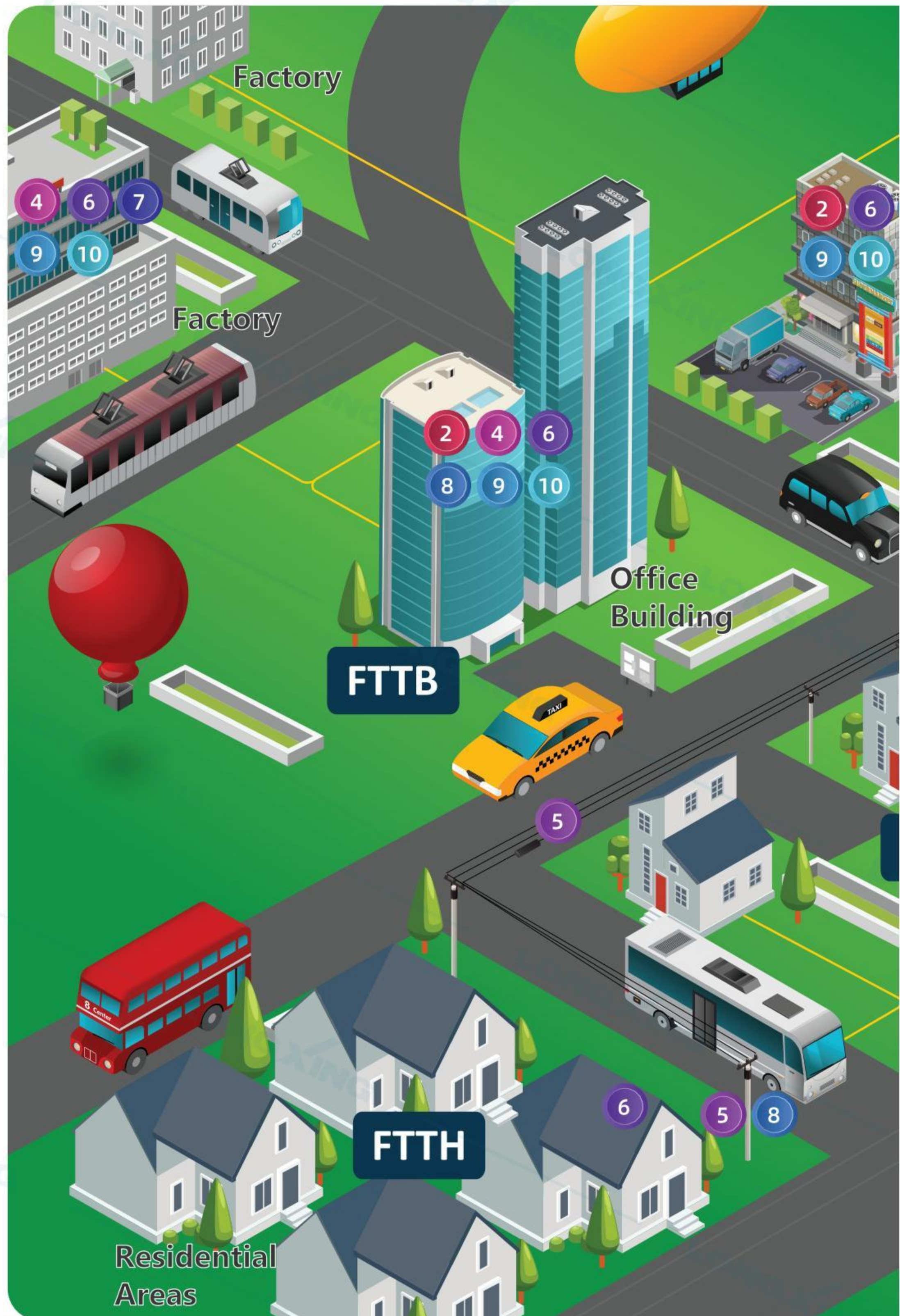
3 Outdoor Cabinets



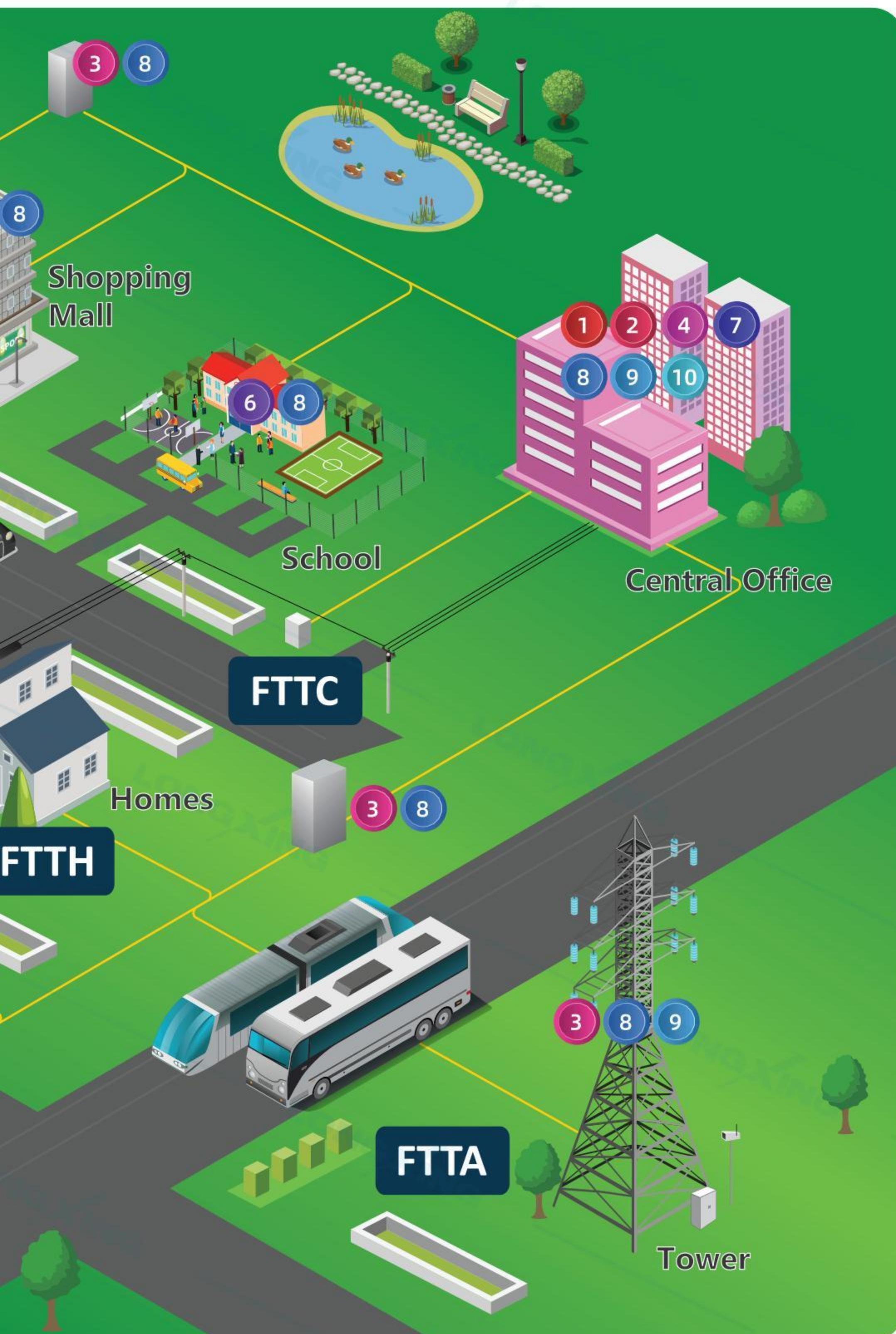
4 Data Centers



5 Splice Closures



TOTAL SOLUTIONS



10 Network Cabinets



9 Power Managements



8 Splitters & WDMS

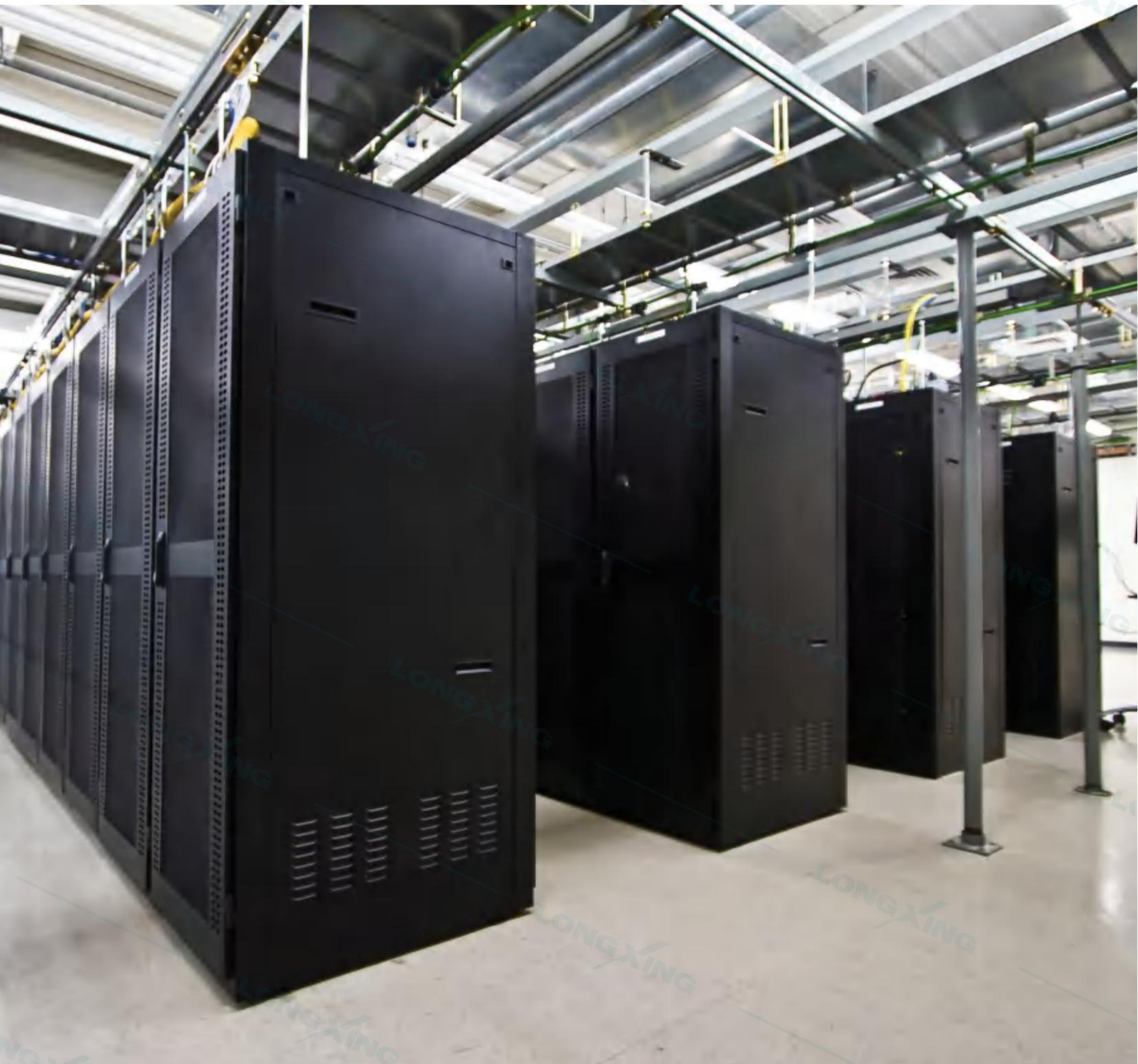


6 Distribution Boxes



7 Cable Trays





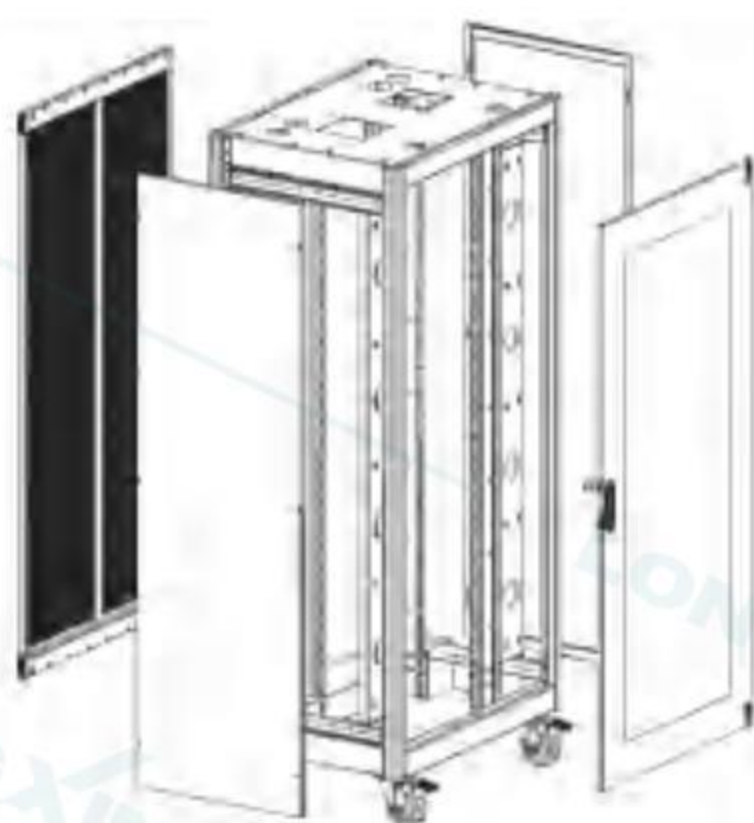
Network Cabinets

- LongXing Z9 Series Network Cabinet solutions for advanced storage, cooling, power distribution, cable management and security in data centres and network rooms.
- Designed to accommodate today's powerful computing hardware and scalable to cater for emerging high end blade server and equipment technologies that are rapidly appearing over the horizon - the world and the data centre environment is changing and a new generation of rack solutions is born for this change - it is the Z9 Series.

Z9 Series Network Cabinet

Features

- Top quality steel with cover by electrostatic painted ensures the strong body and pleasing appearance.
- The cabinets are classified as wide and narrow racks.
- Grounding kit and warn unit available.



06 Network Cabinet

Model No.		Width		Depth				Height			
				Overall		Effective		Overall		Effective	
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
47U	Z9-0606	600	24"	600	24"	540	21"	2382	94"	2272	89"
	Z9-0608	600	24"	800	31"	740	29"	2382	94"	2272	89"
	Z9-0609	600	24"	900	35"	840	33"	2382	94"	2272	89"
	Z9-0610	600	24"	1000	39"	940	37"	2382	94"	2272	89"
	Z9-0611	600	24"	1100	43"	1040	41"	2382	94"	2272	89"
	Z9-0612	600	24"	1200	47"	1140	45"	2382	94"	2272	89"
	Z9-0706	700	28"	600	24"	540	21"	2382	94"	2272	89"
	Z9-0708	700	28"	800	31"	740	29"	2382	94"	2272	89"
	Z9-0709	700	28"	900	35"	840	33"	2382	94"	2272	89"
	Z9-0710	700	28"	1000	39"	940	37"	2382	94"	2272	89"
	Z9-0711	700	28"	1100	43"	1040	41"	2382	94"	2272	89"
	Z9-0712	700	28"	1200	47"	1140	45"	2382	94"	2272	89"
	Z9-0806	800	31"	600	24"	540	21"	2382	94"	2272	89"
	Z9-0808	800	31"	800	31"	740	29"	2382	94"	2272	89"
	Z9-0809	800	31"	900	35"	840	33"	2382	94"	2272	89"
	Z9-0810	800	31"	1000	39"	940	37"	2382	94"	2272	89"
	Z9-0811	800	31"	1100	43"	1040	41"	2382	94"	2272	89"
	Z9-0812	800	31"	1200	47"	1140	45"	2382	94"	2272	89"
42U	Z9-0606	600	24"	600	24"	540	21"	2160	85"	2050	81"
	Z9-0608	600	24"	800	31"	740	29"	2160	85"	2050	81"
	Z9-0609	600	24"	900	35"	840	33"	2160	85"	2050	81"
	Z9-0610	600	24"	1000	39"	940	37"	2160	85"	2050	81"
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	Z9-0706	700	28"	600	24"	540	21"	2160	85"	2050	81"
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	Z9-0810	800	31"	1000	39"	940	37"	2160	85"	2050	81"
	Z9-0811	800	31"	1100	43"	1040	41"	2160	85"	2050	81"
	Z9-0812	800	31"	1200	47"	1140	45"	2382	94"	2272	89"
18U	Z9-0606	600	24"	600	24"	540	21"	1070	42"	1000	24"
14U	Z9-0606	600	24"	600	24"	540	21"	870	34"	800	31"
10U	Z9-0606	600	24"	600	24"	540	21"	670	26"	600	24"

Overall Height: w/ castors
Effective Height: w/o castors

Overall Depth: Door to Door
Effective Depth: Frame to Frame

LX-IWMC series



Type A



Type B

NPX06-Z10



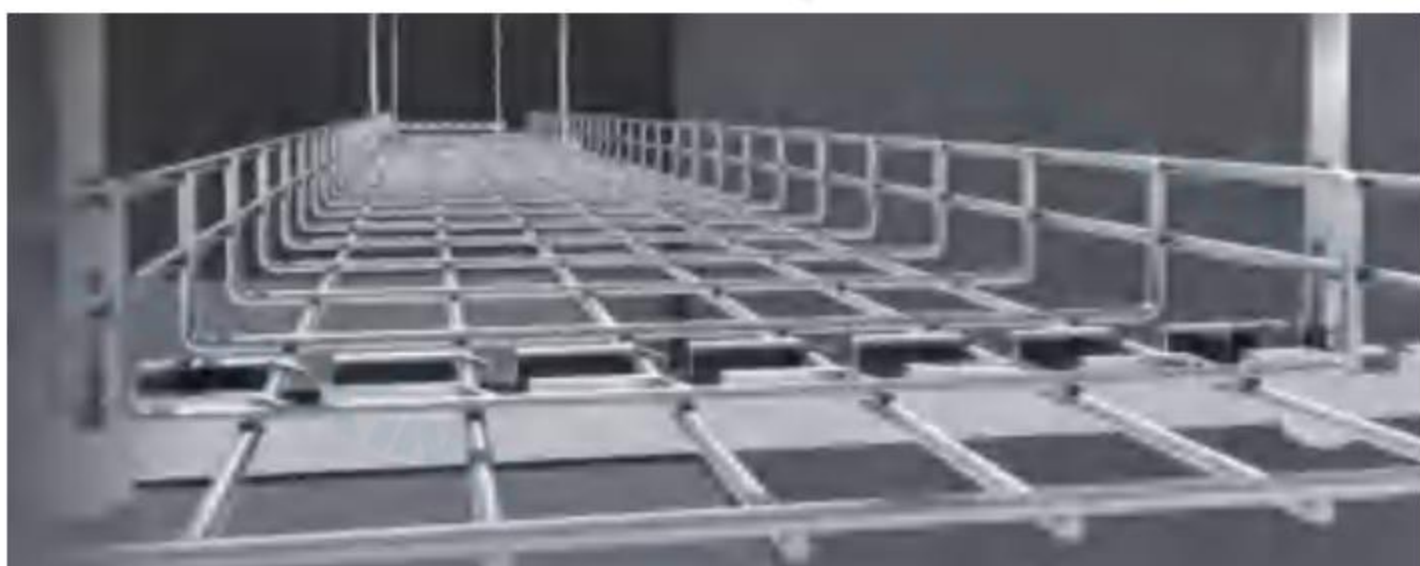
Dimensions and Specification

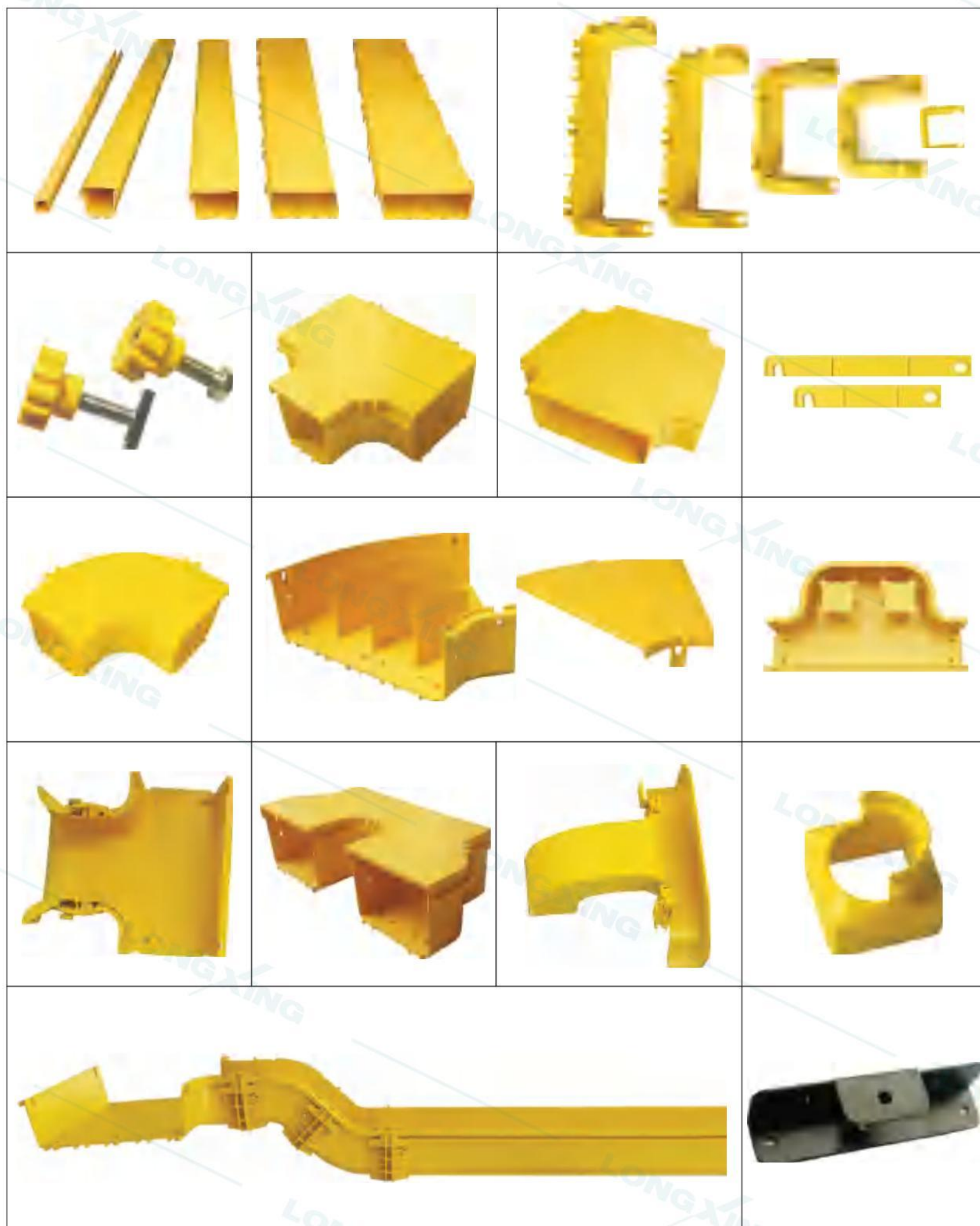
Type		Height (mm)	Width (mm)	Depth (mm)	Packaging Dimension(flat packing)
LX-IWMC	6U_6045	6U-370	600	450	620*470*250mm
	9U_6045	9U-500	600	450	620*520*250mm
	12U_6045	12U-635	600	450	620*650*170mm
	15U_6045	15U-770	600	450	620*790*170mm
	6U_6060	6U-370	600	600	620*620*250mm
	9U_6060	9U-500	600	600	620*620*250mm
	12U_6060	12U-635	600	600	620*650*250mm
	15U_6060	15U-770	600	600	620*790*250mm
	12U_6015	12U-635	600	150	620*650*170mm
NPX06-Z10	Square Corner	550	600	350	/



Cable Trays

Optical cable trays designed to protect and route fiber optic patch cords, cable assemblies to and from network cabinets, ODF and other terminal devices. They offer ideal solutions for optical raceway requirements and application with pleasing appearance and easy maintenance.







Power Managements

Longxing Power management system contains rectifier modules, monitoring system, power supply, power distribution units and busbar trucking system. They can be found in a wide range of applications, including homes, buildings, industries, power generation, transportation, and communication.



48V 1800W



48V 3000W

Applications

- BTS, fiber and switch telecom
- Network access
- Data center, powers server and computer
- Self protection and reliability

Design Standards

- Safety: IEC 60950-1
- EMC: EN 61000-6
- Environment: ETSI EN 300 019-2
RoHS compliant

AC Input

Voltage	85Vac~ 300Vac(nominal 100Vac to 240Vac)
Frequency	45Hz-65Hz
Power factor	≥0.99@220Vac/50A
Input pretecton	L-line fuse 15A Varistors for transient protection

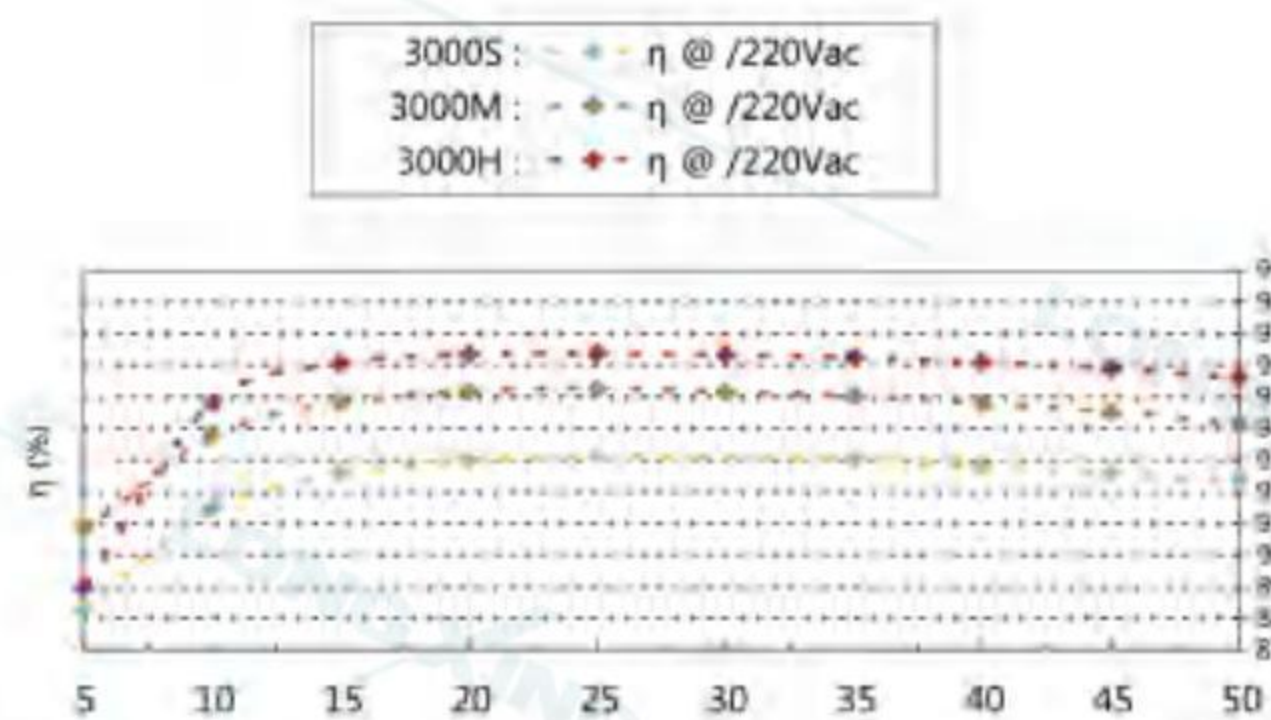
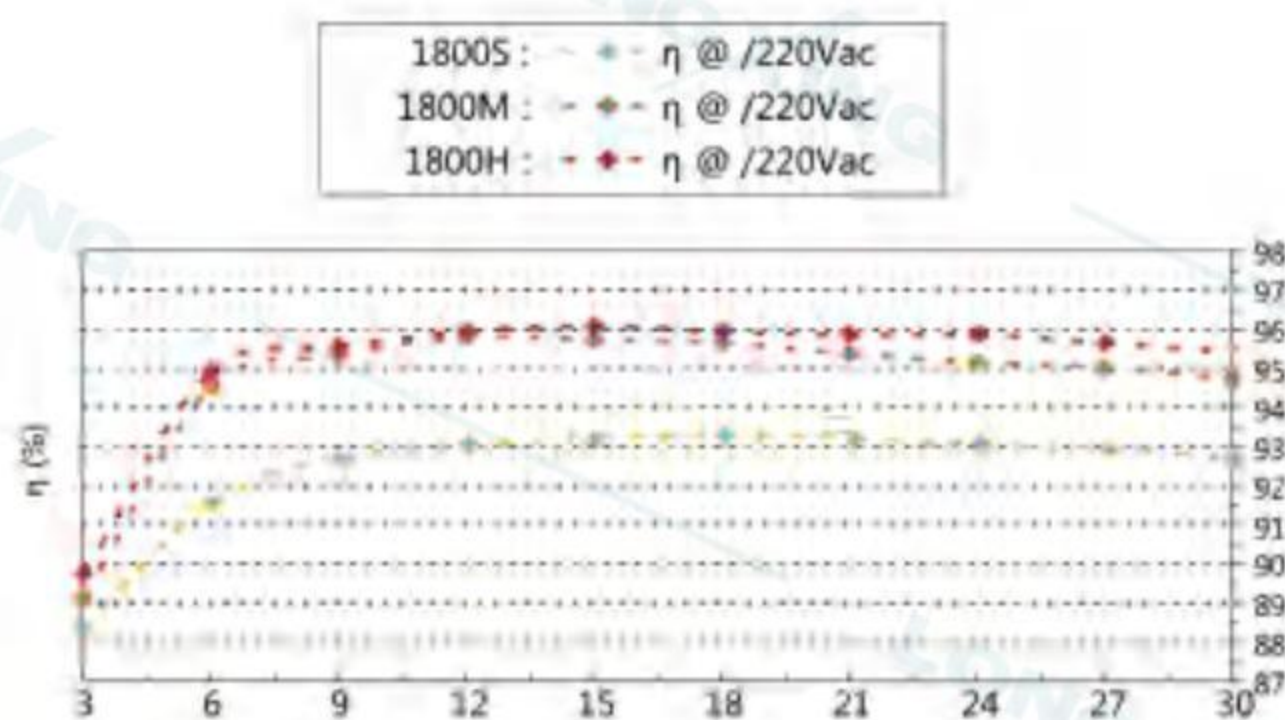
DC Output

Voltage	+53.5Vdc
Output power	1800W(154Vac~300Vac), 900W(85Vac~154Vac)
Maximum current	33A
Current sharing	5%
Dynamic voltage regulation	±5.0% for 10-90% or 90-10% loadvariation, regulation time < 200us
load regulation	±0.5% from 10% to 100% load
Ripple and noise	< 200 mV peak to peak, 30 MHz bandwidth, < 2 mV rms psophometric
Output protection	Overvoltage shutdown Hot swappable - Inrush current limiting Fuse Short circuit proof High temperature protection

Efficiency

Standard	≥95.0%@220Vac@peak, ≥94.0%@220Vac@100% load
High	≥96.8%@220Vac@peak, ≥95.5%@220Vac@100% load

Output Current-Efficiency Curve



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Monitoring System

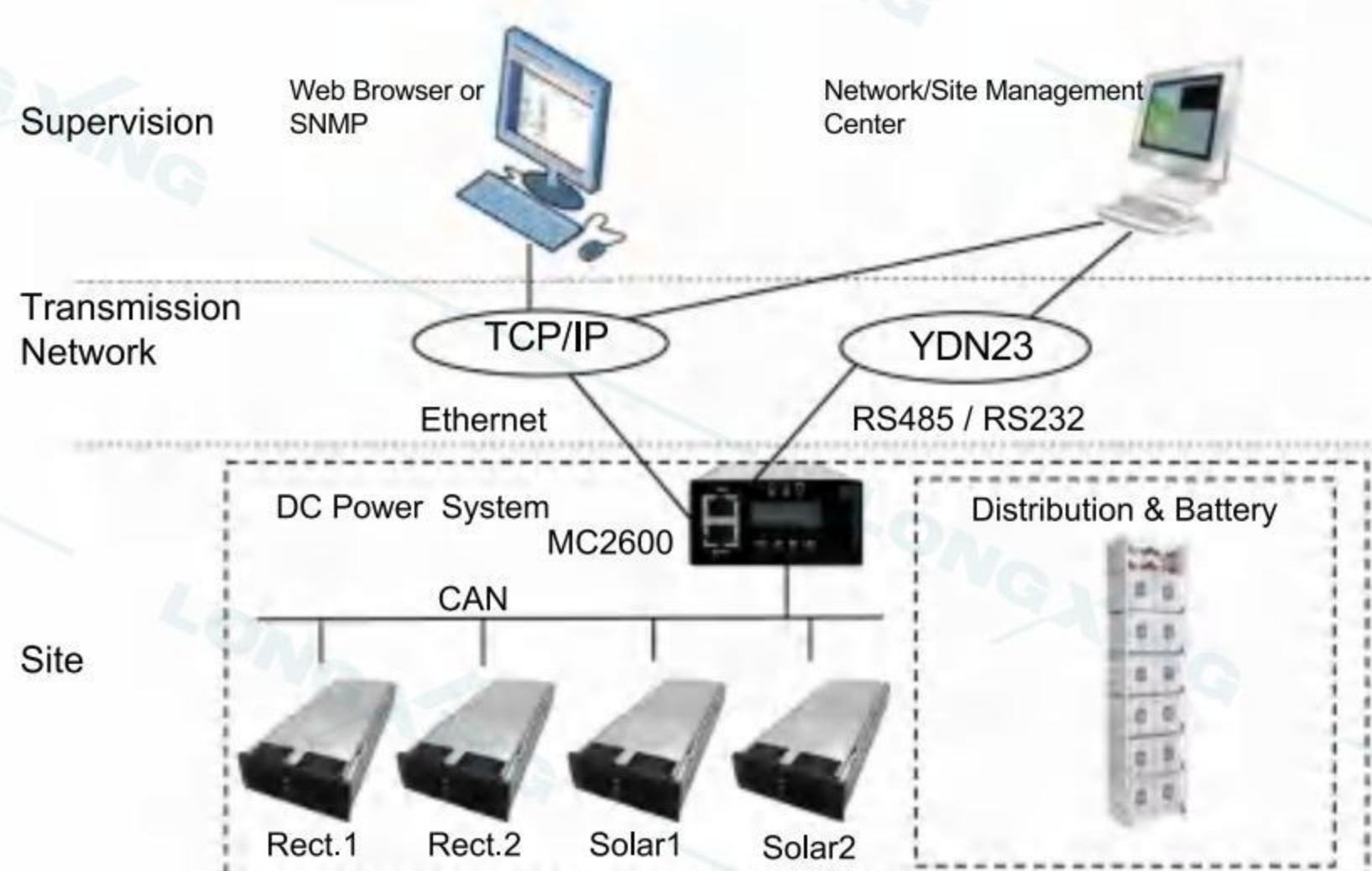
MC2600 is the new generation DC power controller module developed by LONGXING. The Controller module adopts ARM 32-bit Cortex-M4 CPU as primary controller, and RTOS as system platform. MC2600 offers many features and functions, and a more robust, user-friendly, and easy-to-use interface.



Key Functions

Measurement	Analog value measurement
	Digital value measurement
Communication	The Controller can communicate with the host computer in 2 modes: RS485 and Ethernet (WEB and SNMP). It can communicate with rectifier and solar modules in CAN bus mode
	2 southbound RS485 for battery BMS or extension function boards
	For remote and local monitor system via WEB browser, controlling, parameters upload/download, data load
	SNMP protocol supports GET, SET and TRAP on Ethernet
DI/DO	8+1 user digital input interfaces freely configurable
	8 groups of dry contact outputs freely configurable
Screen and Leds	128*32 LCD screen display running information and local setting interface
	Green/Yellow/Red LEDS indicate running status for local instant diagnose
Alarm history, event history store	1000 alarms history and 1000 events history store, FIFO for system analysis
Data log store(advanced version)	2000 data logs including bus voltage, load current, battery current and temperature with time tag

Site Monitoring Solution





481000C



48500S



48400S



48200S



48200B



48120S



4890S



4860S

Overview

Longxing's power supply system is specially designed to meet the demand for compact, flexible, high performance, high reliability power supply. The system consists of high/medium/standard efficiency rectifier modules of their mixture, a MC2600 monitor module, AC/DC distributors.

More relevant designs for your reference

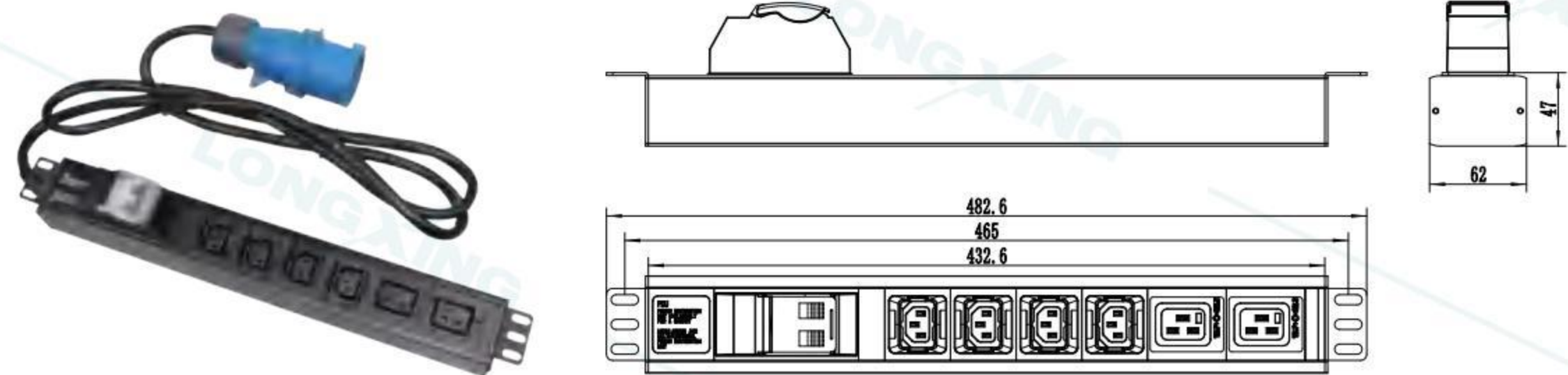
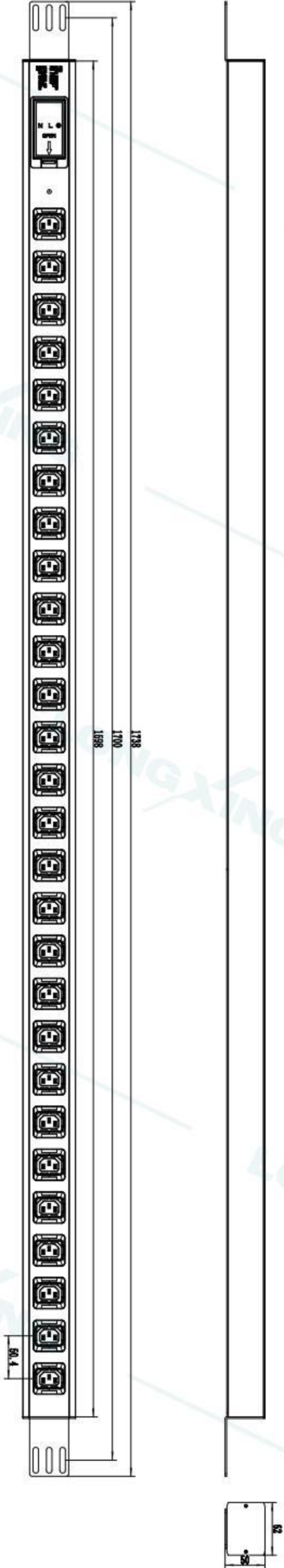
Item	Mounting	Capacity	Reference Dimensions(mm)	Rectifier	Rectifier
4860S	Rack-mounted	48V 60A	1Ux482.6x378	1800	2
4090S	Rack-mounted	48V 90A	3Ux482.6x378	1800	3
48120S	Rack-mounted	48V 120A	6Ux482.6x378	1800	4
48200S	Rack-mounted	48V 200A	6Ux482.6x378	3000	4
48400S	Rack-mounted	48V 400A	9Ux482.6x378	3000	8
48500S	Rack-mounted	48V 500A	10Ux482.6x378	3000	10
48200B	Wall-mounted	48V 200A	701.5x500x350	3000	4
481000C	Indoor	48V 1000A	2200x600x600	3000	20

LongXing's Rack Power Distribution Unit (PDU) System is a family of products that delivers power and management to connected IT equipment through a global and comprehensive offering including Basic, Managed and Adaptive Rack PDU systems.

Each of the Rack PDU systems LongXing offers is well-suited for delivering power to sensitive, high capacity,rack-mounted equipment. Determining which is best for a particular installation requires knowing the basic power requirements of the equipment in the rack, deciding on the acceptable or preferable level of monitoring and control and then balancing those considerations against siteRequirements.

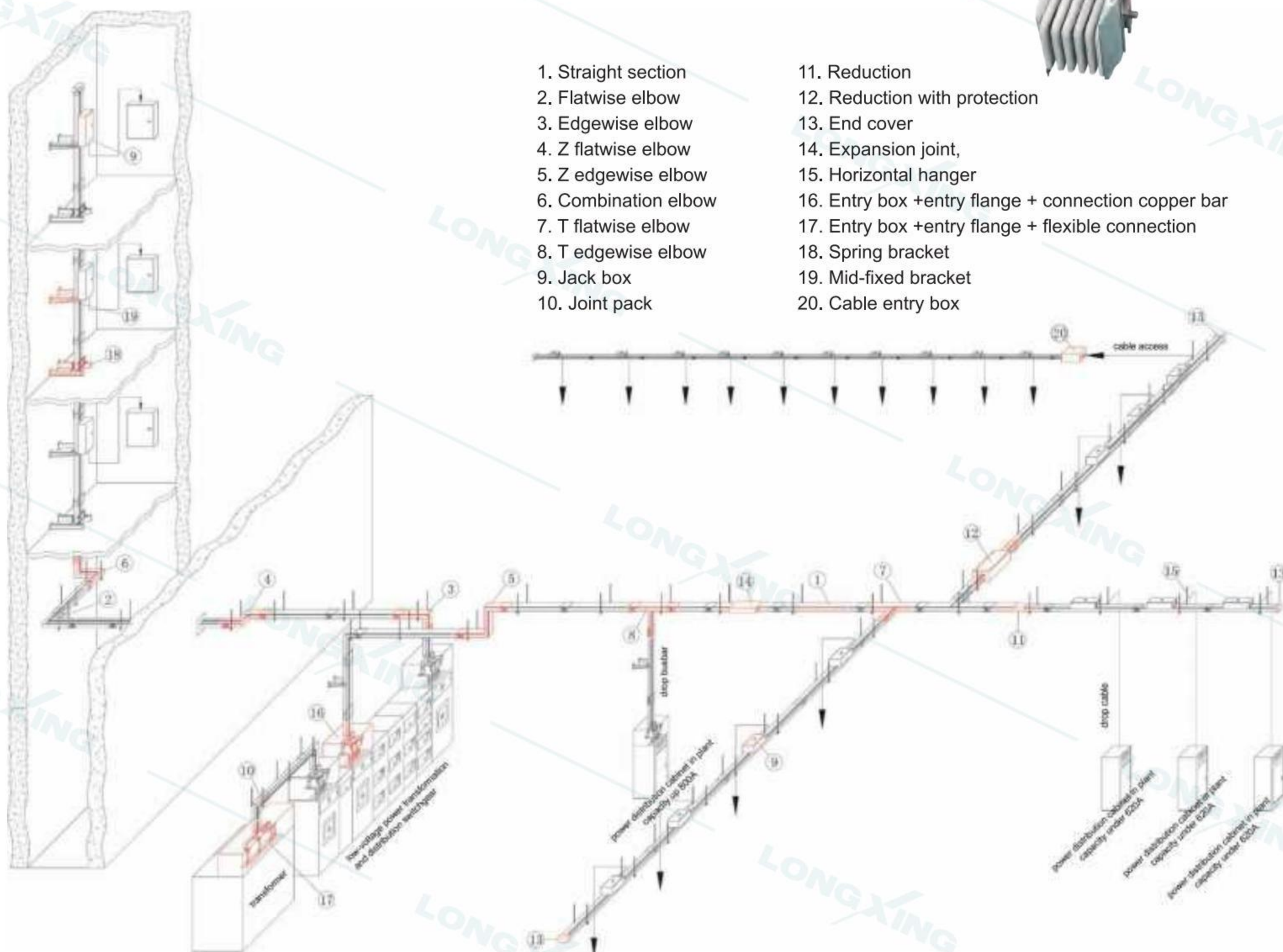
The LongXing Rack PDU product line includes models to fit all types of installations: new or estab lished;stable or rapidly changing; contracting or expanding. Each type of installation may requireany or all types of LongXing Rack PDUs.

After determining your requirements, refer to the data and specifications for each product.



Optional Output Units				
IEC	IEC60320 C13 Anti-shedding	IEC60320 C14	IEC60320 C20	IEC60320 C19
Australia	AS/NZS 3112(A)		AS/NZS 3112(K)	
France	NFC61-314(1U)		NFC61-314(1.5U)	
Germany	DIN49440(1U)		DIN49440(1.5U)	
Israel	SI 32			
Italy	Italy Universal	IEC60320 C13 Anti-shedding	IEC60320 C19 Anti-shedding	IEC60320 C13
South Africa	RSA546			
United Kingdom	BS1363(1U)		BS1363(1.5U)	BS1363(EA)
United States	NE MA5-20R		NE MA5-15R	

FCM-II compact type busbar system fully comes from the technology form UK Gardermoen Electric, and it's also combined with the electrical environment, enjoys elaborate R&D, safe and reliable performance, and also attractive appearance. The product conforms to GB7251 and IEC60439 standard, with the rated voltage 1000V, rated current ranges from 400A to 6300A, 16A to 1250A plug-in current, and the max protection IP66, it can be applicable to 3P3W, 3P4W and 3P5W system etc. FCM-II enjoys the best overall performance in low voltage busbar field, and gets a wide use in large commercial plaza, high-rise buildings, intelligent building, gymnasium, industrial factories, hospitals and other important occasions.



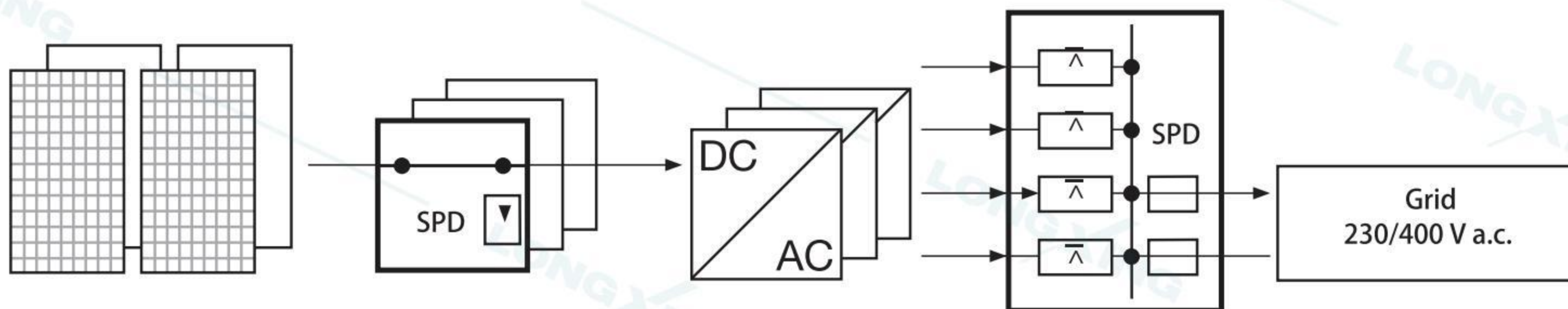
16 DC Combiner Box



Features

- Easy to install.
- Degree of protection IP 66.
- Salt fog resistance can up to 500 hours.
- High precision monitoring system avoids any emergencies.
- It can be widely used in outdoor areas with its lightning prevention.
- High density material provides a security for long term using.

Parameter				
Model	SDPD-ZL-G1-12	SDPD-ZL-G13-16	SDPD-ZL-G17-20	SDPD-ZL-G21-24
Rated voltage	DC 1500W	DC 1500W	DC 1500W	DC 1500W
Max parallel input route	1~12	13~16	17~20	21~24
Output routes	1	1	1	1
Rated current of fuse (A)	15/20/25/30/32/35/40 (Fuse specifications can be selected according to the component)			
Rated current of breaker (A)	160~630A			
String wire diameter (mm ²)	4~6			
Output wire diameter (mm ²)	2*50-500			
Ground wire diameter(mm ²)	≥16			
Operating temperature	-25 ~ +50°C			
Storage temperature	-40 ~ +70°C			
Product size(H*W*D)	700*500*160mm	850*600*160mm	1000*600*200mm	1100*600*200mm



NEW



Features

- Easy to install.
- Degree of protection IP 66.
- Salt fog resistance can up to 500 hours.
- High precision monitoring system avoids any emergencies.
- It can be widely used in outdoor areas with its lightning prevention.
- High density material provides a security for long term using.

Parameter		AC 400V/690V				
Model		SDPD-JL-*V-2-400	SDPD-JL-*V-3-400	SDPD-JL-*V-4-400	SDPD-JL-*V-5-400	SDPD-JL-*V-6-400
Input circuits		2	3	4	5	6
Output circuits		1				
Suitable circuits		Three phase five wires/Three phase four wires				
Rated operating voltage		400V/690V				
Single loop input/output current	36KW inverter	80A/160A	80A/250A	80A/315A	80A/400A	80A/500A
	50KW inverter	100A/200A	100A/315A	100A/400A	100A/500A	100A/630A
	60KW inverter	125A/250A	125A/350A	125A/500A	125A/630A	125A/630A
	80KW inverter	160A/315A	160A/500A	160A/630A	/	/
Operating temperature		-25 ~ +50°C				
Storage temperature		-40 ~ +70°C				
Product size(H*W*D)		500*600*180mm	500*600*180mm	500*600*180mm	500*600*180mm	500*600*180mm

Parameter		AC 690V		
Model		SDPD-JL-2	SDPD-JL-3	SDPD-JL-4
Input circuits		2	3	4
Output circuits		1		
Suitable circuits		Three phase four wires/Three phase three wires		
Rated operating voltage		800V		
Single loop input current		0-250V		
Output current		250-800V		
Operating temperature		-25 ~ +50°C		
Storage temperature		-40 ~ +70°C		
Product size(H*W*D)		600*750*180mm	700*750*180mm	850*800*180mm

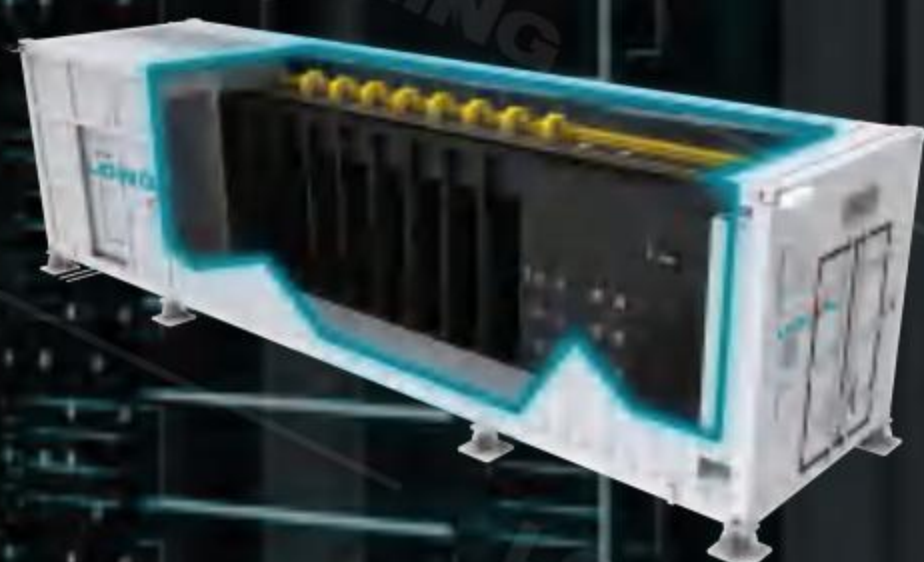
DATA CENTRE

All-in-one data centre solutions
Reliable, stable and green environment for IT equipment
Multiple industries and scenarios applications
Easy expansion & flexible management



CabiCentre

All-in-one Mini Data Centre



Containerised Data Centre

Prefabricated All-in-one Data Centre



Micro Data Centre

Rapidly-arranged, All-in-one Data Centre



An expert designed, pre-configured, self-contained and factory tested all-in-one cabinet that provides solution for edge applications and satisfies small business IT requirements.



Technical Specifications	
Dimensions (H*W*D)	2200mm*600mm*1100mm
Usable Rack Space	27U
Air Conditioner	Integrated
Floor Area (incl. service space)	1.38m ²
Color	Black (RAL 9005)
Display	10.1" Touch Screen
Display Languages	English / Chinese
Auto LED Lighting	2, Front & Rear
UPS Capacity	6kVA
UPS Backup Time	20-60 minutes @ 3.5kW
System Capacity	3.5kW
System Input Requirement	Single Phase 110V/220 V-240 V
Power Distribution Units (PDU)	16A input, IEC
Lightning Protection / Surge Suppression	Level 3, 20KA
Cooling Capacity	3.5kW
Emergency Fan	Optional
System Management (UPS/Cooling/PDU)	Yes
Temperature Sensor	6
Water Leak Detector	1
Door Access Sensor	2
Net Weight	330KG
Warranty	2 years

Typical Edge Applications	CabiCentre		Typical Edge Applications	CabiCentre	
Renovation	Required	Minimum	Power Supply	Separate tower UPS + battery stand	Pre-installed and wired
Design	Required in advance	Proven solution	Power Distribution	Low integration, wall mount	Integrated with lightning protection
Installation	Complicated with different suppliers	Plug & play	Cooling	High	Minimal
Cabling	Hard to organise	Factory settled	Monitoring	Complex for integrating all systems	Integrated and tested
Set Up Time	15-20 days	1 day	Appearance	Neat & organized	Standard network cabinet looking
Floor Area	10-20 sqm	1.38 sqm	Service	By different suppliers	LongXing

20 Data Center | CabiCentre

Remote Monitoring System

SIGNAL

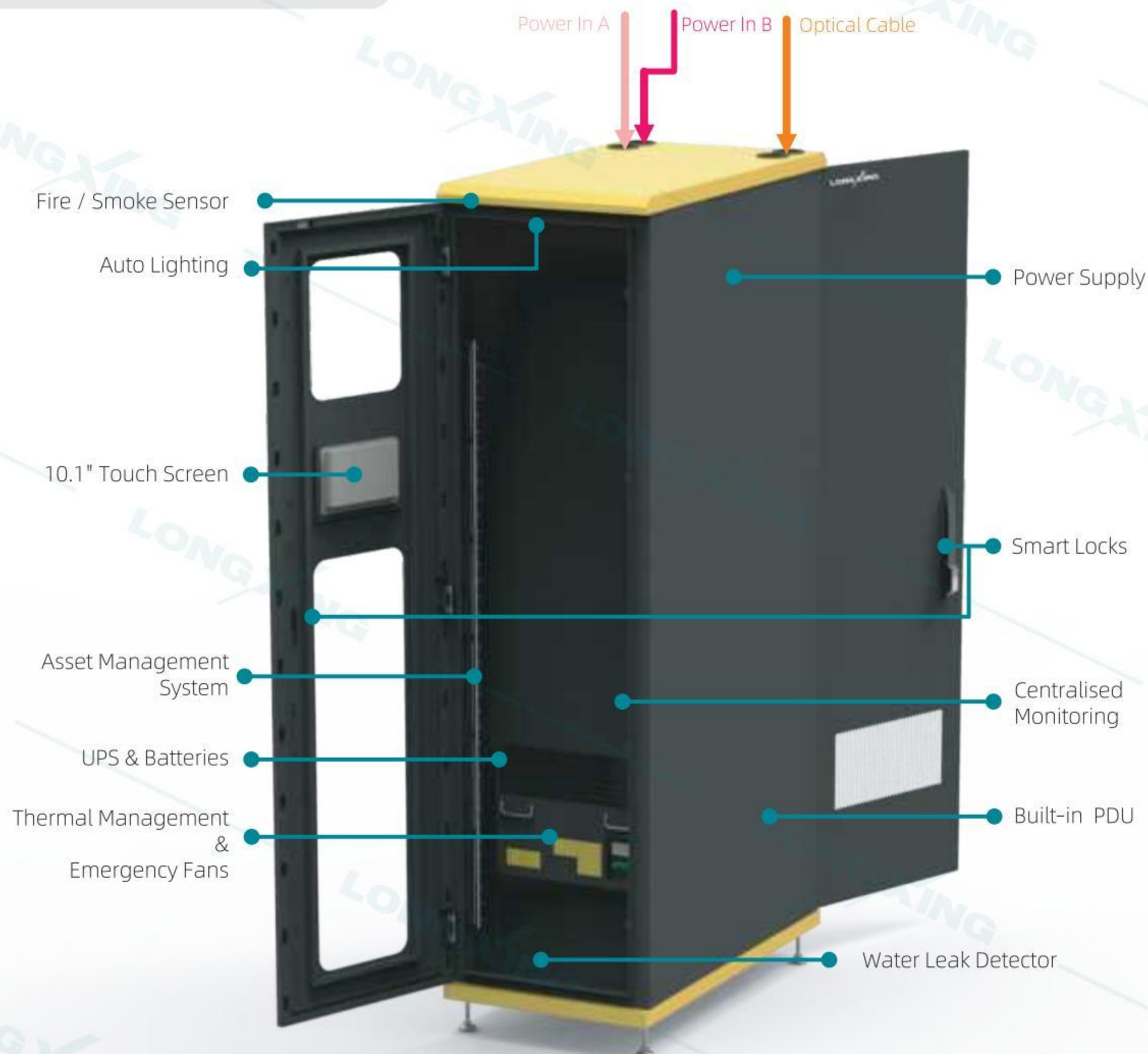
- Door Alarm
- Fire / Smoke Alarm
- Water Leak Alarm

DATA

- Temperature
- Humidity
- Power Consumption
- PDU
- Space Usage
- Asset Management System

CONTROL

- A.C. /Cooling
- Door Access
- Equipment



Prefabricated All-in-one Data Centre



HUMIDITY (RH)
External: 5% ~ 100%
Internal: 20% ~ 80%



TEMPERATURE
External: -40°C ~ +55°C
Internal: Cold aisle temp: +18°C~+27°C



ALTITUDE
≤1000m



SOLAR RADIATION INTENSITY
1120 W/m²



DUSTPROOF and WATERPROOF
IP55



ANTI-SEISMIC
VIII degrees (horizontal acceleration: 0.25g;
vertical acceleration: 0.125g)



ANTI-THEFT
Meet requirements of EN 1627~EN 1630 Class 3



FILTH RATING
IV (climb: 3.1cm/kV, by maximum operating voltage meter)



RACK
8*52U IT rack



MONITORING
Remote monitoring system supported



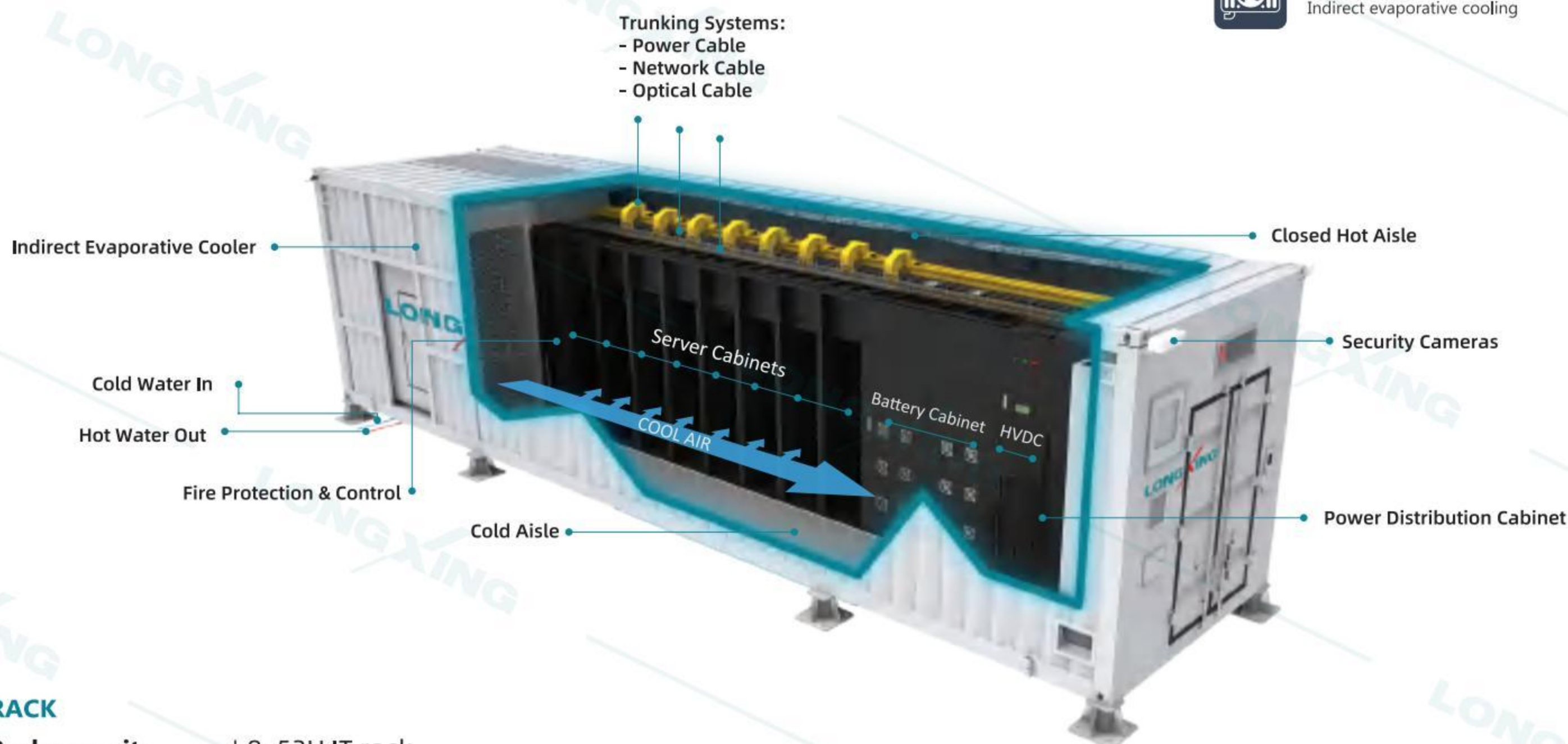
FIRE PROTECTION
Automatic fire detection & suppression



POWER
Asset Management System



COOLING
Indirect evaporative cooling



RACK

Rack capacity | 8*52U IT rack
Rack distribution | 8*10 kW/rack & 8*13.2 kW/rack
Size (H×W×D) mm | 2500×600×1200

ENCLOSURE

External size (H×W×D)mm | 3200×3000×12192 (Typical)
Aisle width | Hot aisle of 650-700mm; cold aisle of 850-900mm

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Data Centre | CDC

POWER		
Total IT load	≤ 96kW	≤ 120kW
Power density per rack	≤ 10kW	≤ 13.2kW
Input mode	380V mains electricity input 240V DC input from HVDC cabinet	
Integrated HVDC cabinet size (H×W×D)mm	2500×600×1200	
HVDC capacity	120kVA	
Number of rectifier module	7+1	
BAT backup time	20min under full loads	
PDU	A route: IEC320 11×C13+11×C13+11×C13 B route: IEC320 16×C13+16×C13	
Surge protection	Level-3	

COOLING	
A/C type	Indirect evaporative cooling
Sensible cooling capacity	120kW
Coolant	R410A
Fan type	EC fan
Compressor	2/1 variable-frequency+1 fixed-frequency
Temp. range	+18~+27°C
Humidity range	20%~80%
Hot/cold aisle	Hot aisle containment

FIRE PROTECTION	
Auto fire protection system	Automatic fire detection & suppression system c/w emergency release function
Alarm	Automatic monitoring and detection, support sound and light alarm
Gas	HFC-227ea

MONITORING	
Module access	Password
Rack access	Customization
Monitoring management	Real-time monitoring of temperature and humidity control, fire control, access control and cooling system
In-module display	PAD
Remote O&M	Web

Rapidly-arranged, All-in-one Data Centre

Energy-saving and efficient

- Efficient power supply and distribution, refrigeration close to heat source, effective reduction of PUE value of module.
- Isolate hot and cold airflow, eliminate invalid airflow cycle and eliminate hot spots.
- Improve functional component performance through module integrated management and coordinated operation.

Fast Arrangement

- Standardized components, de-engineering, assembled delivery.
- Timely matching to business development, rapid expansion of capacity.

Simple and reliable

- Data center infrastructure product, reduce influence of construction process, improve system reliability.
- Product Grade factory inspection, higher quality assurance.
- Strong adaptability, suitable for users in a variety of on-site conditions.



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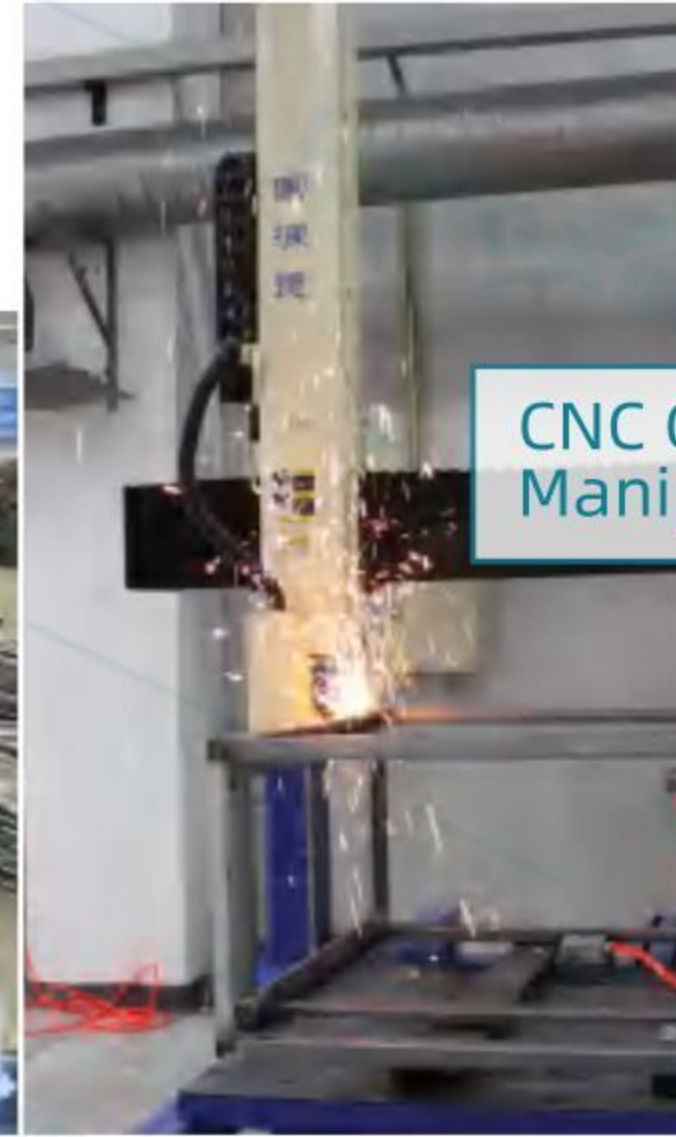
Inside Our Factory

In recent years, LongXing have been investing in advanced manufacturing facilities which can significantly improve both the productivity and quality of a manufacturing process. Manipulators, in particular, are capable of performing repetitive and complex tasks with speed, accuracy, and consistency. This reduces the risk of errors and defects in the manufacturing process, resulting in higher-quality products that meet or exceed customer expectations.

Metal Sheet Workshop



CNC Grinding Manipulator



CNC Punching Manipulator



Fiber Optic Workshop



Assembly Workshop



Laser Cutting



Bending Manipulator



Welding Manipulator



Painting Workshop





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ATTENTION:

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