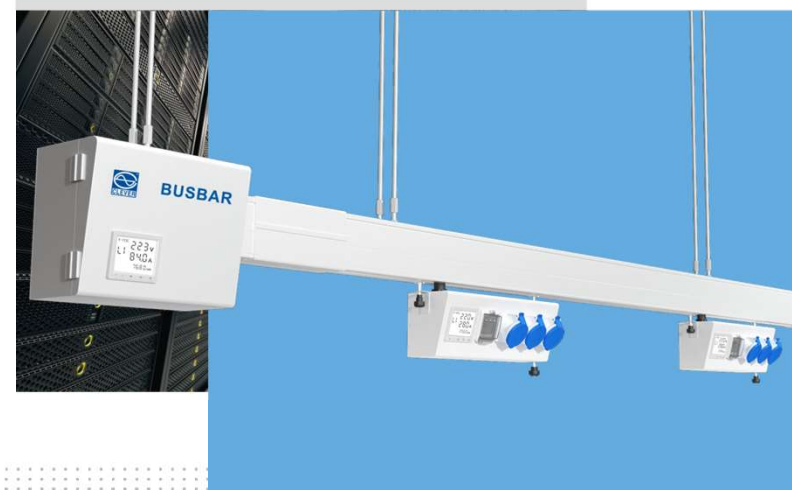




CATALOGUE

CLEVER DATA CENTER BUSBAR



GETTING POWERED ANYWHERE



ThaiConnectDotCom Co., Ltd.
Mobile : 08 1840 4896 / 06 1019 9197
Email : thitiwat@thaiconnect.com / thitiwat@thaibms.com

CLEVER 2020/1

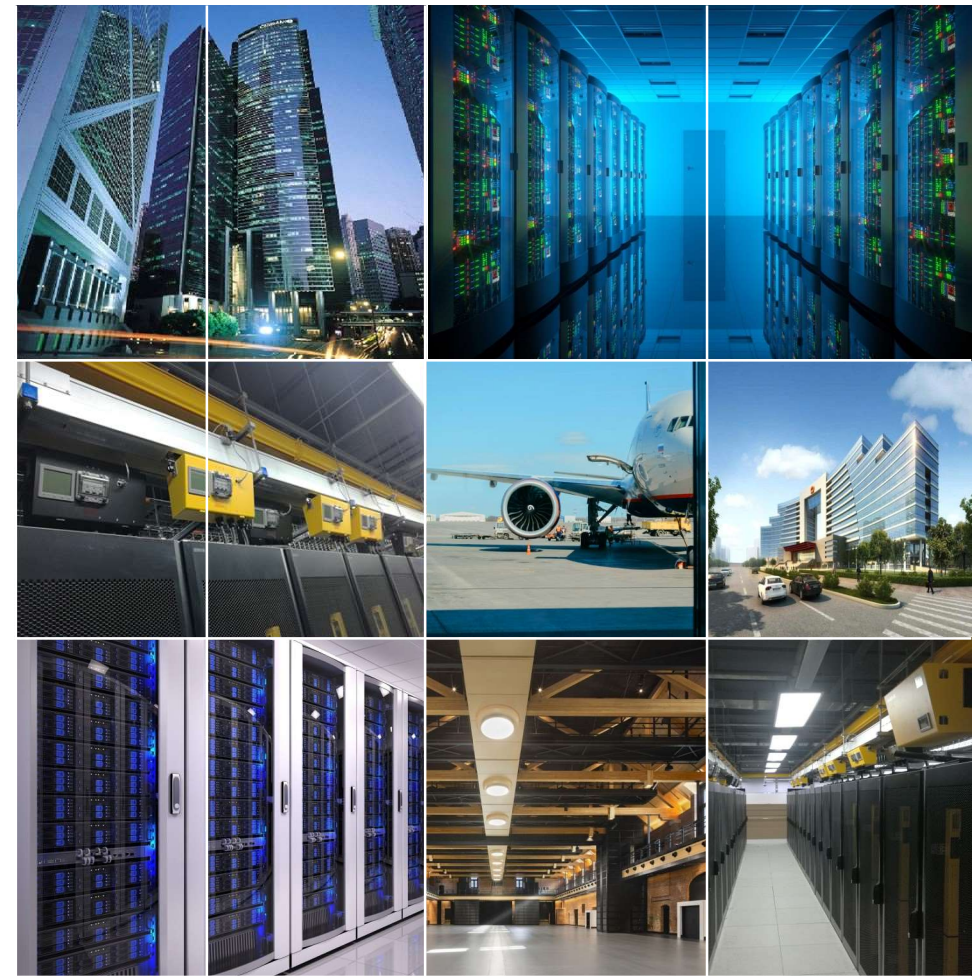
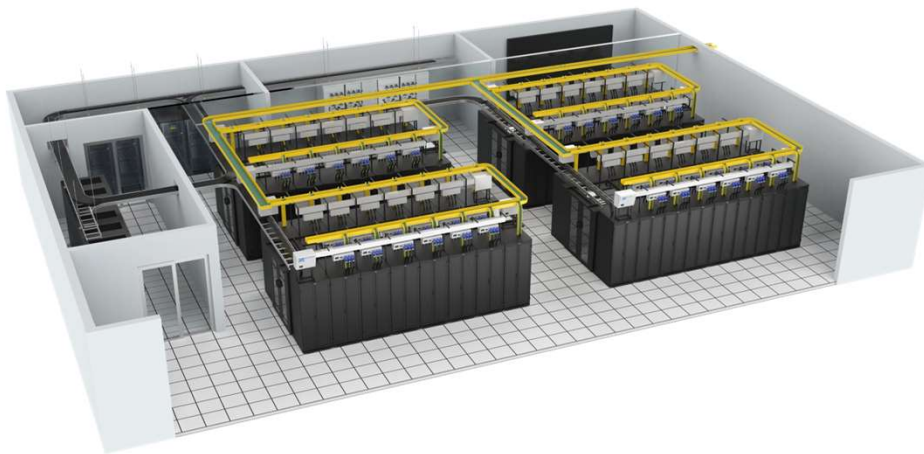
CLEVER BUSBAR

PRODUCT OVERVIEW

For decades power distribution cabinet has been serving the Data Center industry and playing a key role in the supply chain from the power grid to IT devices in the rack, providing continuous and stable power and monitoring the electrical parameters to understand the health of the power supply system, preventing potential power outages.

While it also comes with problems that have been bothering for a long time, such as occupying floor spaces which could be left for more server racks to create more business, blocking cold air and affecting cooling efficiency, power cables aging and heat dissipation problem, installation and maintenance problems and limited lifespan etc.

With the rapid development of new technologies, Data Center power needs have been remarkably increasing. Those problems have become more and more difficult to ignore. Under this background, CLEVER Flexible Data Center Busbar system was born. It is an intelligent, plug-and-play, reliable and flexible power distribution system that is designed to meet the growing power needs, to fix the problems left from the traditional power supply system, to do a better job, and to serve in the next 30 years and more.



RANGE OF APPLICATION

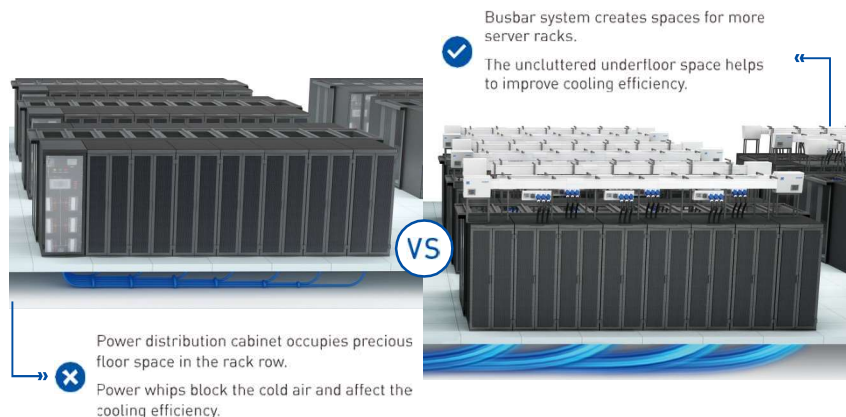
CLEVER Flexible Data Center Busbar System can be widely used in banking, transportation, military, government, telecom, IDC industries providing continuous and stable power supply.

CLEVER BUSBAR

PRODUCT FEATURES

More space, more business

- Replacing power distribution cabinets with extra server racks and increasing Data Center incomes.
- The busbar clears away the barrier underneath the floor and contributes to a higher cooling efficiency.



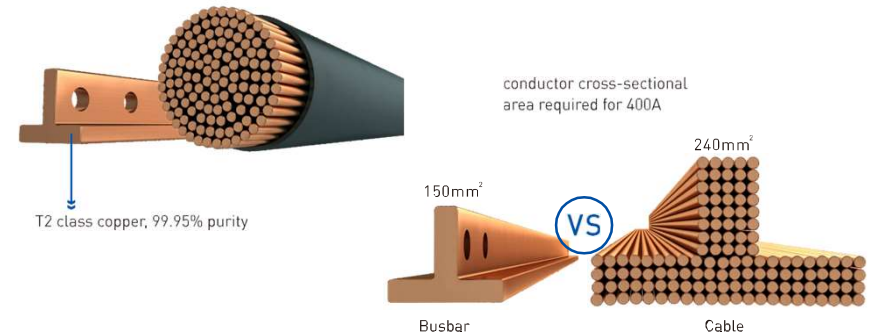
Better contact, higher safety

- Innovative vertical interlocking structure ensures a long-lasting firm contact.
- First-In-Last-Out grounding design provides extraordinary safety and reliability.



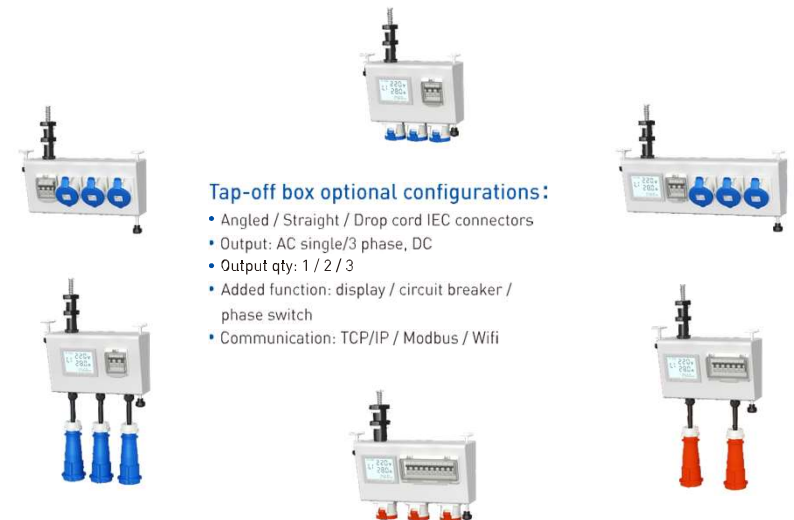
Better conductivity, less power loss

- High purity copper ensures excellent electrical conductivity.
- Higher conductivity than cable, less voltage drop and lower temperature rise.



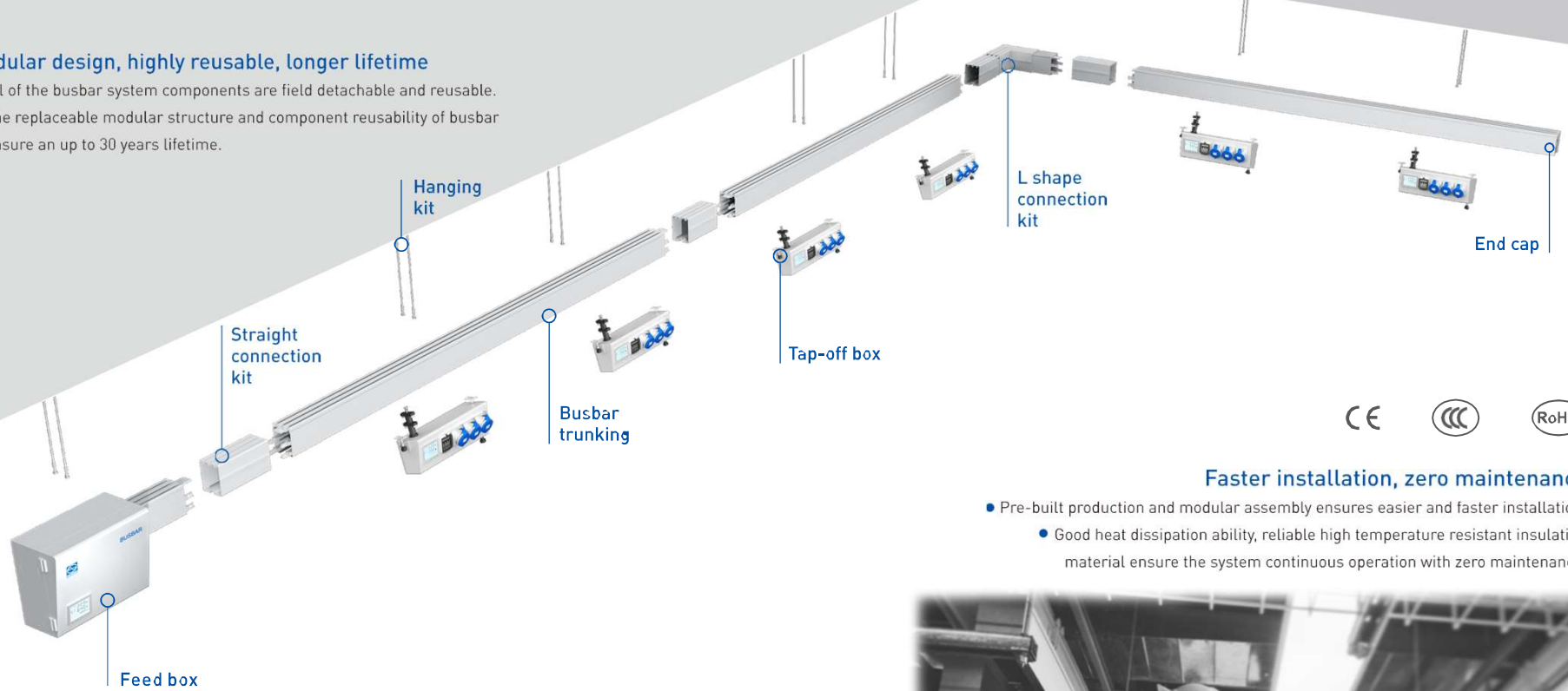
Flexible output configuration, expandable power capacity

- Basic, local metered and monitored versions optional, multiple tap off box configurations.
- Expand the power capacity by adding tap off boxes or replacing with a higher load box.



Modular design, highly reusable, longer lifetime

All of the busbar system components are field detachable and reusable. The replaceable modular structure and component reusability of busbar ensure an up to 30 years lifetime.

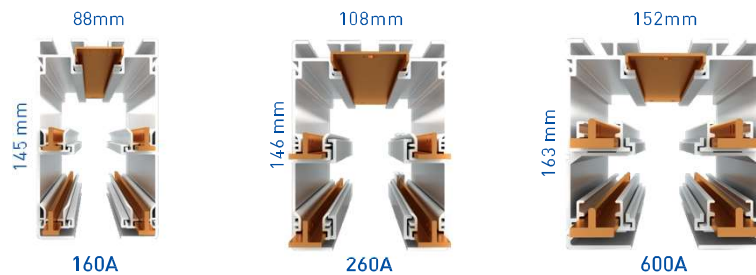


Faster installation, zero maintenance

- Pre-built production and modular assembly ensures easier and faster installation.
- Good heat dissipation ability, reliable high temperature resistant insulation material ensure the system continuous operation with zero maintenance.



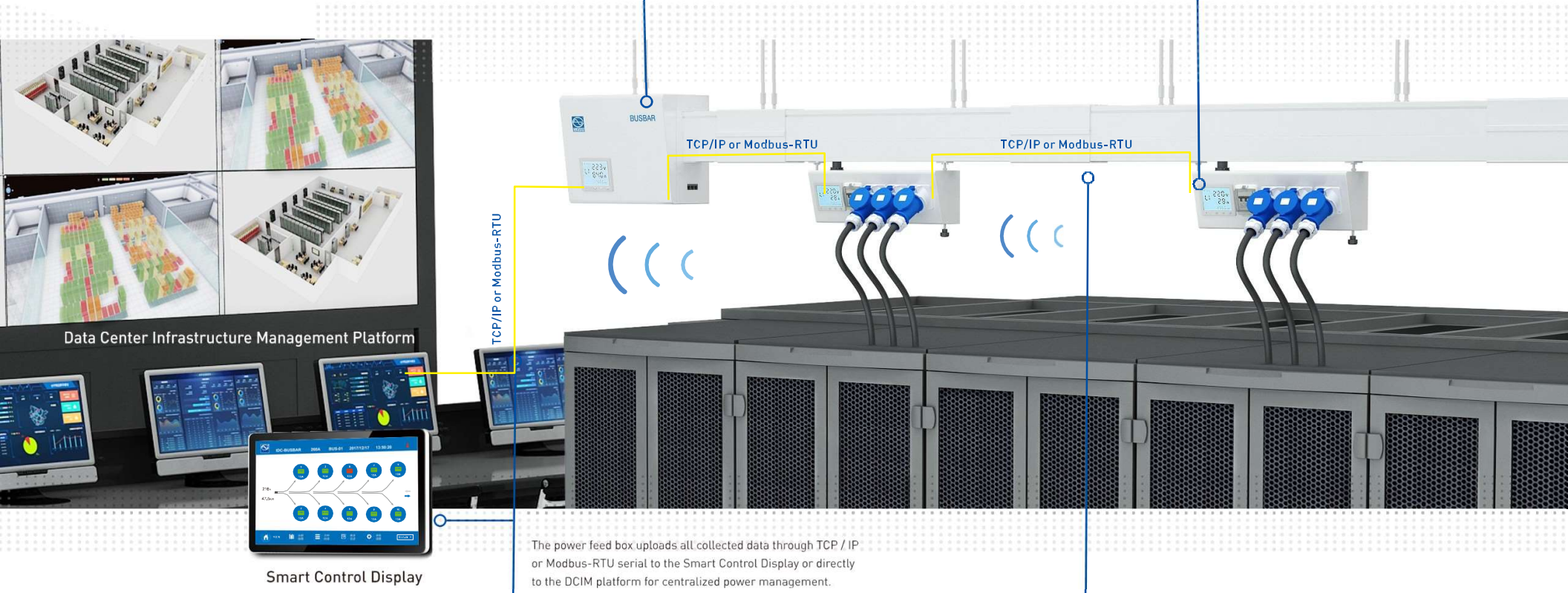
Busbar with different current rating



CLEVER BUSBAR

POWER MONITORING SYSTEM

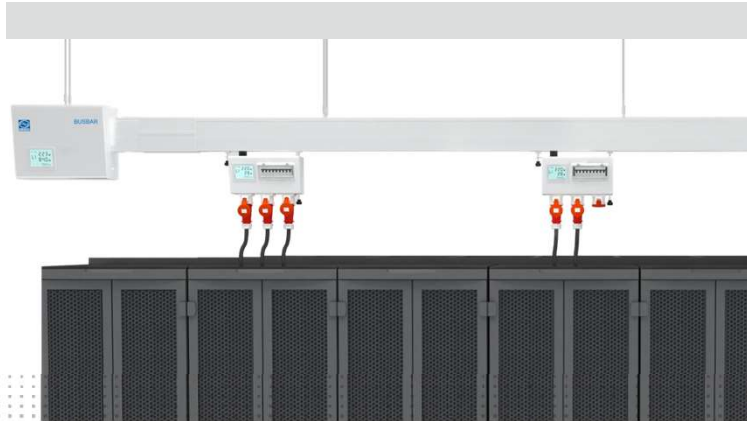
CLEVER Flexible Data Center Busbar system provides real-time, accurate and comprehensive power monitoring, up to the entire BUSBAR, down to each output on each tap-off box, as well as embedded temperature monitoring at each joint area. These accurate and comprehensive data provide reliable theoretical basis for power distribution system configuration optimization, risk prevention, load balancing and PUE calculation.



CLEVER BUSBAR

INSTALLATION

Hanging



Bracket mounting



CLASSIC CASES

Shanghai Pujiang welfare lottery data center

Rack quantity: 250
Load capacity: 250A
Industry: Enterprise



China Unicom data center, Yunnan

Rack quantity: 256
Busbar Spec: 160 & 250A
Industry: Telecom

Beijing Shunyi Lantin cloud data center

Rack quantity: 277
Busbar spec: 250A
Industry: IDC

