

# 移动智能数据房

Mobile Intelligent data container

产品说明Product Description

未来科技全球有限公司

Future Technology Global Limited



- 移动智能数据房采用集成化方案，将机架系统、散热系统、配电系统和支持系统高度集成，使超算中心、数据中心的建设高度模块化，大幅度降低建设成本和建设周期，为数字超算中心、智能计算中心建设提供全新的建设思路。Mobile intelligent data container, the scheme of integrated frame system, highly integrating the cooling system, distribution system and support system, makes highly modular construction of the super-computing center and data center, cutting down the cost and period greatly of construction, for the digital super work center. It offers brand new construction thinking for the intelligent super-computing center.



# CRB20 UL集成型

CRB20 UL Compact Version

## – CRB20 UL

- CRB-20UL 系列是 推出的集成型超算数据中心产品，其外形接近于20呎集装箱尺寸，可以整体装入20呎集装箱，方便全球运输。The CRB-20UL series is an integrated supercomputing data center product of . Its shape is close to the size of a 20-foot container and can be packed into a 20-foot container convenient for global shipping.



- CRB系列是Crypto – Bitcoin的缩写，UL表示产品选用符合北美UL标准配件，可以在北美范围内使用。CRB series is the abbreviation of Crypto -- Bitcoin. UL means that the products comply with UL standard and can be used in North America.

- CRB-20UL 产品外壳采用全钢材结构，关键承重部位均安装有加强拉筋，上下四角均安装吊装环，方便箱体的吊装转运。The shell of CRB-20UL is made of steel. The key load-bearing part is equipped with reinforcement bars, and the upper and lower corner is equipped with lifting rings to facilitate the lifting and transportation of the container.



- 箱体外表面进行全面防锈蚀处理，并有防水设计，可长时间在户外使用，无需担心锈蚀问题。The outer surface of the container body is of fully anti-corrosion treatment, with waterproof design, can be used outdoors for a long time, without any corrosion problem.



- 箱体内部做全面防火、防静电处理，过道宽度达到1.2米，可供操作人员自如通过，保证足够的操作空间。It sets comprehensive fire prevention and anti-static treatment inside the container, with the 1.2-meters aisle width, ensuring enough operating space for operators to walk through.



- 箱体两端开门，均使用安全锁具，不仅方便日常维护人员出入，同时紧急状态下人员可以从任意一端开门逃生，确保人身安全。Safety locks are used for the door at both ends of the container, which is not only convenient for routine maintenance personnel to enter and exit, but also for emergency personnel to open the door at either end to ensure personal safety.



- CRB-20UL 产品采用集成供电系统，供电电路采用三级开关保护，每台设备插座均由独立的断路器控制，方便灵活。 CRB-20ul product adopts integrated power supply system, power supply circuit adopts three-level switch protection, each device socket is controlled by independent circuit breaker, conveniently and flexibly.

- 配电柜外门配备多功能电表和总通断开关，无需打开配电柜即可掌握供电状况并控制供电和散热风机的通断。 The outer door of the PDC is equipped with a multi-functional electric meter and a general on-off switch. Without turning on the PDC, you can check the power supply status and set the on-off of the power supply and cooling fan.





- 独创竖排电源插座，节约有限的箱内空间，避免散热死角。采用符合美国UL标准的大功率插座配件，能够支持长时间高功率工作。With the original vertical power socket, it saves more inner space of container, avoiding heat dead impossibility. The high-power socket accessories is compliant with UL, can support long time work of high power.



## Automatic Louver Setting

- CRB-20UL 采用负压风机+水帘降温的散热方式。8 台高功率负压风机平均排布，箱内散热无死角。  
CRB-20ul adopts the cooling mode of negative pressure fan + water curtain ventilation cooling system. 8 high-power negative pressure fans are evenly lined, and there is no dead angle for heat dissipation in the container.
- 风机外侧采用自动开合百叶设置，关机时自动闭合，起到防尘防水的效果。The outside of the fan adopts automatic louver setting, which is automatically closed when the fan is turned off, with the effect of dustproof and waterproof.





- 箱体可选水帘降温系统，通过水帘循环进一步降低箱内空气温度，加强设备散热效果。 The container is installed with water curtain cooling system, through which further reduce the inner environment temperature, improving the heat dissipation of equipment.

最大容纳量：168台Antcontainer S19i

配电最大容量：1250 KVA

散热方式：风冷（可选水帘）

风机数量：10台

最大排风量：224000立方米/小时

外型尺寸：5700×2200×2200 mm

空箱重量：3500 KG

Maximum capacity: 168 Antcontainer S19i

Maximum capacity of power distribution : 1250 KVA

Cooling mode: air cooling (water curtain)

Number of fans: 10

Maximum exhaust air rate: 224000 m<sup>3</sup> / h

Size: 5700×2200×2200 mm

Tare mass: 3500 KG



# CRB40 UL

- CRB-40UL 系列是更高阶超算数据中心产品，提供比20型版本更大的空间、更大装机量和更高的集成度。其外形接近于40呎集装箱尺寸，可以整体装入40呎集装箱，方便全球运输。 The CRB-40UL series is an integrated supercomputing data center product of . Its shape is close to the size of a 40-foot container and can be packed into a 40-foot container convenient for global shipping.



- CRB系列是Crypto – Bitcoin的缩写，UL表示产品选用符合北美UL标准配件，可以在北美范围内使用。 CRB series is the abbreviation of Crypto - Bitcoin. UL means that the products comply with UL standard and can be used in North America.



# CRB40 UL进取型

CRB40 UL Advanced Version





- CRB-40UL 产品外壳采用全钢材结构，关键承重部位均安装有加强拉筋，上下四角均安装吊装环，方便箱体的吊装转运。The shell of CRB-40UL is made of steel. The key load-bearing part is equipped with reinforcement bars, and the upper and lower corner is equipped with lifting rings to facilitate the lifting and transportation of the container.



- 箱体外表面进行全面防锈蚀处理，并有防水设计，可长时间在户外使用，无需担心锈蚀问题。The outer surface of the container body is of fully anti-corrosion treatment, with waterproof design, can be used outdoors for a long time, without any corrosion problem.

箱体内部做全面防火、防静电处理，过道宽度达到1.2米，可供操作人员自如通过，保证足够的操作空间。 It sets comprehensive fire prevention and anti-static treatment inside the container, with the 1.2-meters aisle width, ensuring enough operating space for operators to walk through.



- 箱体两端开门，均使用安全锁具，不仅方便日常维护人员出入，同时紧急状态下人员可以从任意一端开门逃生，确保人身安全。 Safety locks are used for the door at both ends of the container, which is not only convenient for routine maintenance personnel to enter and exit, but also for emergency personnel to open the door at either end to ensure personal safety.



- 配电柜外门配备多功能电表和总通断开关，无需打开配电柜即可掌握供电状况并控制供电和散热风机的通断。The outer door of the PDC is equipped with a multi-functional electric meter and a general on-off switch. Without turning on the PDC, you can check the power supply status and set the on-off switch of the power supply and cooling fan.

- CRB-40UL 产品采用集成供电系统，供电电路采用三级开关保护，每台设备插座均由独立的断路器控制，方便灵活。CRB-40ul product adopts integrated power supply system, power supply circuit adopts three-level switch protection, each device socket is controlled by independent circuit breaker, conveniently and flexibly.





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- CRB-40UL 采用负压风机+水帘降温的散热方式。16台高功率负压风机平均排布，箱内散热无死角。Crb-40ul adopts the cooling mode of negative pressure fan + water curtain ventilation cooling system. 8 high-power negative pressure fans are evenly lined, and there is no dead angle for heat dissipation in the container.



- 风机外侧采用自动开合百叶设置，关机时自动闭合，起到防尘防水的效果。The outside of the fan adopts automatic louver setting, which is automatically closed when the fan is turned off, with the effect of dustproof and waterproof.







- 箱体可选水帘降温系统，通过水帘循环进一步降低箱内空气温度，加强设备散热效果。The container is installed with water curtain cooling system, through which further reduce the inner environment temperature, improving the heat dissipation of equipment.

最大容纳量：334台Antcontainer S19i

配电最大容量：2500 KVA

散热方式：风冷（可选水帘）

风机数量：20台

最大排风量：448000立方米/小时

外型尺寸：11500x2200x2500 mm

空箱重量：6500 KG

Maximum capacity: 334 Antcontainer S19i

Maximum capacity of power distribution : 2500 KVA

Cooling mode: air cooling (optional water curtain)

Number of fans: 20

Maximum exhaust air rate: 448000 m<sup>3</sup> / h

Size: 11500x2200x2500 mm

Tare mass: 6500 KG



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