

BC40/20 - Immersion Cooling Container

*For professional miners and mining farms, we provide customized solutions to satisfy your requirement.



Immersion cooling turn-key solution

A container deployment method designed for large-scale users, providing customers with turnkey solutions, which can be quickly deployed, PUE<=1.03.



	BC40	BC20
Size	12192×2438×2896 mm	6058×2438×2896 mm
Amount of machines	B6 tanks *42 252 mining machines	B6 tanks *18 108 mining machines
Racks	B6R racks *14	B6R racks *6
Input voltage	3-phase 380V or 415V 50/60Hz	
Power load (max)	1.6MW (After overclocking)	0.7MW (After overclocking)
Output voltage	200-240V, 50/60Hz	
Network	100Mbps Ethernet switch	
Lighting	LEDs	
Ventilation	Exhaust fans *4	
External cooling	Closed water cooling tower	
Certification	UL Classification / CSC	
Ambient temperature	-5°C~40°C	
Channel width	1m safety and maintenance channel	
Internal system	Including B6 tanks, B6R racks, Circulation system, Power distribution, Network and IoT system.	
Cooling System	Including VFD variable speed pumps, water storage, sensors, backup pumps, filters and more.	
Others	<ul style="list-style-type: none"> - More than 10-year lifetime for the container - Can withstand strong wind damage of 60 m/s - Emergency protection in case of power failure and water supply failure 	



BC40/20 Closed-Circuit Cooling Tower

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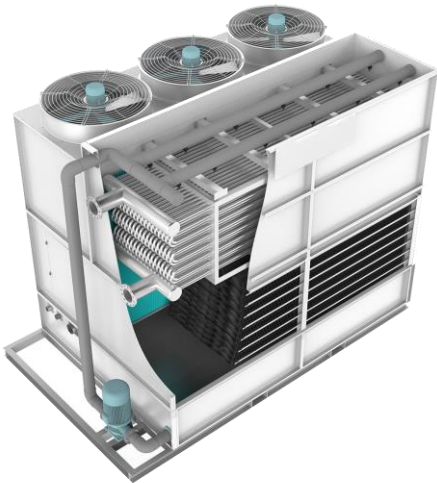


Selection of external cooling

- The external cooling facilities is in our customized turn-key solution.
- Evaporative water cooling is an effective and economic choice for external cooling.
- Both closed-circuit cooling tower and open-circuit cooling tower are used for different requirements.

Advantages of closed-circuit cooling tower

- Integrated molding, low deployment work
- Low operation and maintenance cost
- No limescale internally
- Water can be recycled better



BC40 Closed-Circuit Water Tower	
Cooling ability	1750000 kcal/h
Circulating water flow	350 m ³ /h
Fan power	11kW x 2
Fan air volume	125000m ³ /h x 2
Spray pump power	3kW x 2
Spray pump flow	150m ³ /h x 2
Spray pump head	5m
Inlet/outlet diameter	DN250
Working water pressure	0.05~1.0Mpa
Net weight	4520kg
Size	5300*2200*4600 mm
Input voltage	3-phase 350-480V 50/60Hz
Coil material	Stainless steel
Appearance material	Galvanized sheet
Protection class	IP55
Insulation class	F
Sprinkler pipe	PVC
Other accessories	Exhaust valve, blowdown valve, pressure gauge

