



# IMMERSON COOLING SINGLE LOOP TO 1MW

BC40 Elite



## ○ IMMERSION TANK

Refined immersion tanks, integrated with pump, smart PDU with individual breakers.

## ○ IN-TANK PUMP

Every pump connected to a separate dry cooler unit, as an independent cooling loop.

## ○ DRY COOLER

Pre-assembled, closed-loop cooling system rated for high ambient temperature.

## ○ POWER PANEL

High-quality 3-Phase 380-480V electrical system with an integrated panel.

## ○ MONITORING

In-tank display for instant status, and a web-based portal with APIs available.

## ○ GUARDRAIL

Guardrails ensure convenience and safety during installation and maintenance.

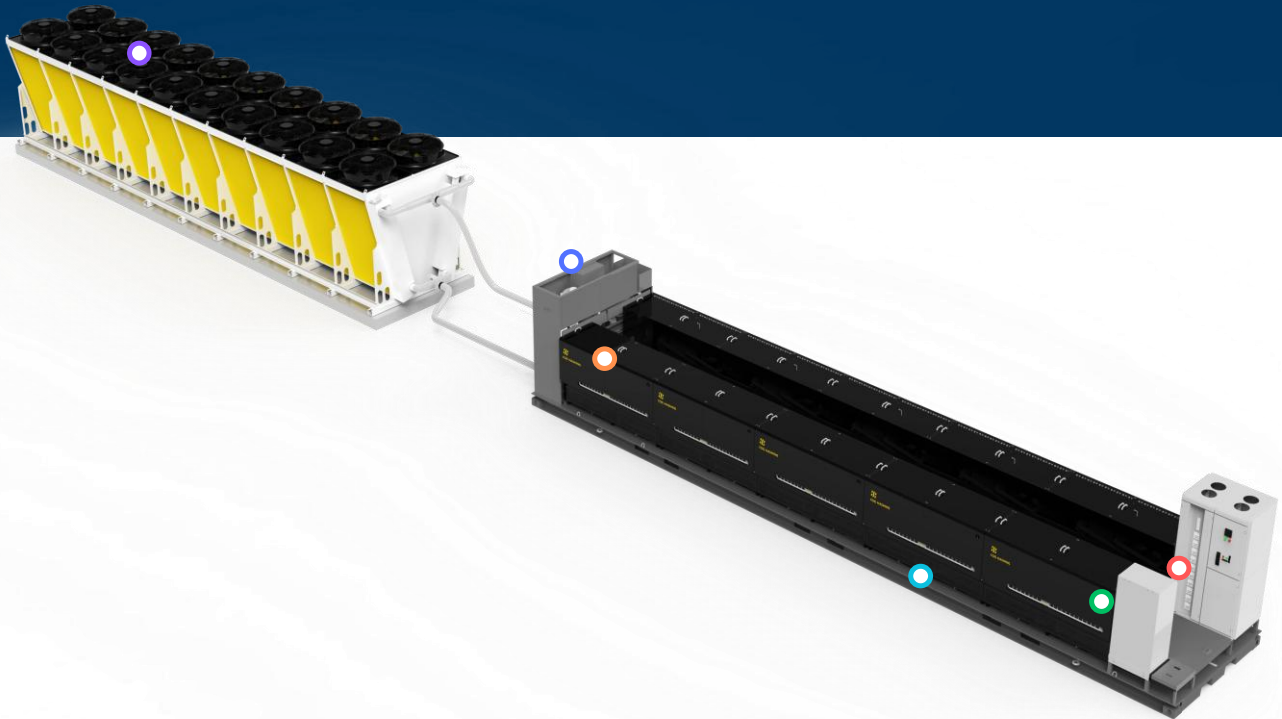
## BC40 Elite / Technical Specs

Cooling Capacity	1 MW
Miner Capacity	200 × S21 180 × T21 / M66S 160 × S21 Imm / S21 XP Imm
Qty of Tanks	10 × B100 Tank
Coolant Volume	6000 L
External Cooler	Dry Cooler, stacked on container
Circulation Mode	Single Loop
Inlet / Outlet Temperature	Inlet 42°C, Outlet 50°C (under 35°C ambient conditions)
Ambient Temperature	-25 °C ~ 50 °C
Dimension	40HC, 12192mm(L) × 2438mm(W) × 2896mm(H)
Total Weight	~ 18t empty, ~ 28t with miners and coolant
Max Power Capacity	1437 kW
Non-mining Power Load	56 ~ 96 kW
Power Supply	1 × 2000A, 3 phase 380-480V 50/60Hz
Smart PDU	<ul style="list-style-type: none"><li>• 10 × Smart PDU</li><li>• Single-phase 220-277V 50/60Hz or 3-phase 380-480V 50/60Hz</li><li>• Individual circuit breaker for miners, pump and dry cooler unit.</li></ul>
Monitoring and Control	<ul style="list-style-type: none"><li>• Tank-level mini display for instant status</li><li>• Web based platform for container-level monitoring and control</li><li>• SNMP, Modbus and RESTful API for third-party integration</li><li>• Remote cameras for real-time and cached video</li></ul>
Extra Components	Lighting System, Ventilation and Filtration, Ambient Temperature and Humidity Sensors, Smoke Sensors, Remote Cameras, etc.
Container Certification	China Classification Society Certification



# IMMERSION COOLING DUAL LOOP TO 1MW

B100 Cluster



## ○ IMMERSION TANK

Refined immersion tanks, integrated with pump, smart PDU with individual breakers.

## ○ CDU

The primary CDU connects the dry cooler and ring piping with auto adjustment.

## ○ DRY COOLER

Outdoor closed-loop cooling system rated for high ambient temperature.

## ○ ELECTRICAL PANEL

High-quality 3-Phase 380V or 480V electrical system with an integrated panel.

## ○ MONITORING

In-tank display for instant status, and a web-based portal with APIs available.

## ○ SKID

All components are mounted on a skid, ensuring easy shipping, quick deployment.

## B100 Cluster / Technical Specs

Cooling Capacity	1 MW
Miner Capacity	200 × S21 180 × T21 / M66S 160 × S21 Imm / S21 XP Imm
Qty of Tanks	10 × B100 Tank
Coolant Volume	6000 L
External Cooler	Dry Cooler
Circulation Mode	Dual Loop
Outlet Temperature	Inlet 42°C, Outlet 50°C (under 35°C ambient conditions)
Ambient Temperature	-25 °C ~ 50 °C
Dimension	11,800mm(L) × 2,200mm(W) × 2,350mm(H)
Max Power Capacity	1437 kW
Non-mining Power Load	56 ~ 116 kW
Power Supply	1 × 2000A, 3 phase 380-480V 50/60Hz
CDU	CDU mounted on skid, with PLC for management and control
Smart PDU	<ul style="list-style-type: none"><li>• 10 × Smart PDU</li><li>• Single-phase 220-277V 50/60Hz or 3-phase 380-480V 50/60Hz</li><li>• Individual circuit breaker for miners, pump</li></ul>
Monitoring and Control	<ul style="list-style-type: none"><li>• Tank-level mini display for instant status</li><li>• Web based platform for container-level monitoring and control</li><li>• SNMP, Modbus and RESTful API for third-party integration</li><li>• Remote cameras for real-time and cached video</li></ul>
Extra Components	Skid, ring piping, maintenance valves, and networking cabinet with switch and server.
Container Certification	China Classification Society Certification