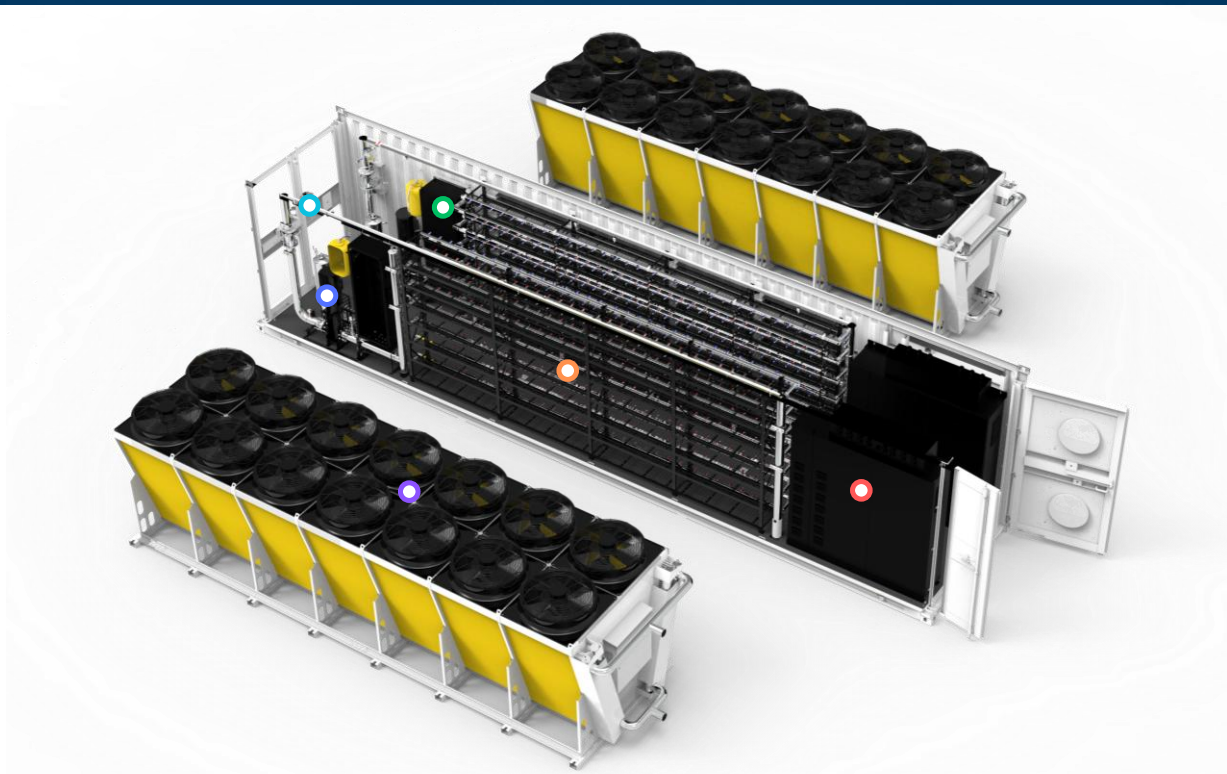




HYDRO COOLING SINGLE LOOP TO 2.4MW

HC40-S2400



○ ANTMINER RACK

Supports 420 Antminer miners, with every 210 units forming an independent system.

○ CDU

2 Independent CDU for every 210 miners, ensuring high availability.

○ DRY COOLER

2 high performance dry coolers by default, or one 40ft dry cooler in cold env.

○ POWER PANELS

4 × High-quality 3-Phase 380-480V power panels with individual breakers for miners

○ MONITORING

Equipped with HMI display and smart PLC for real-time monitoring and control.

○ PIPINGS

Pre-installed, neatly arranged piping and valves for reliability and maintenance.

HC40-S2400 / Technical Specs



Cooling Capacity	2400 kW
Miner Capacity	420 slots, S23 Hyd. or S21 Hyd.
Dimension	40ft HQ container, 12192(L) mm × 2438(W) mm × 2896(H)mm
Qty of Racks	8
Cooling Medium	Pure Water / Soft water + Antifreeze + Corrosion Inhibitor
Qty of Dry Cooler	2 high performance dry coolers, or one 40ft dry cooler in cold env
Flow Rate	2 circulation loop, each 100 m³/h
Water Inlet Temperature	36°C, @30°C ambient temperature
Flange Connection	2 circulation loop, each DN125
Max Power Load	2500 kW
Power Supply	4 × 1200A, 3-Phase, 380–480V, 50/60Hz
Output Voltage	3-Phase 380-415V 50/60Hz
Network	20 × 100Mbps Switches
Monitoring & Control	PLC touchscreen integrated with leak detection, temperature control, system monitoring, alarming, constant pressure control
Ambient Temp	-25 ~ 45 °C, 10%~90%
Noise	Dry Cooler: < 75dB(A)@15m
Container Certification	China Classification Society Certification



HYDRO COOLING SINGLE LOOP TO 1.2MW

HC40-M1200



RACK

6 refined racks, each supports 20 Whatsminer hydro miners, totaling 120 units.

CDU

Independent CDU room with **N+1** redundant pumps, ensuring high availability.

DRY COOLER

Pre-assembled dry cooler in container, reducing on-site deployment work.

POWER PANELS

2 × High-quality 3-Phase 380-480V power panels with individual breakers for miners

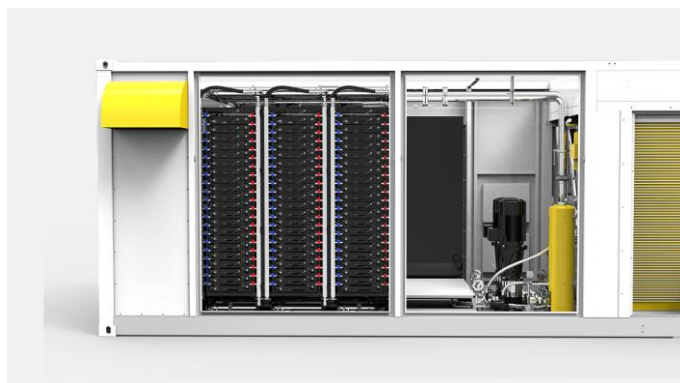
MONITORING

Equipped with HMI display and smart PLC for real-time monitoring and control.

PIPINGS

Pre-installed, neatly arranged piping and valves for reliability and maintenance.

HC40-M1200 / Technical Specs



Cooling Capacity	1200 kW
Miner Capacity	120 Whatsminer M63/M53 Hydro
Dimension	40ft HQ container, 12192(L) mm × 2438(W) mm × 2896(H)mm
Qty of Racks	6
Cooling Medium	Pure water or soft water with antifreeze and corrosion inhibitor
Water Flow Rate	100 m ³ /h
Water Inlet Temperature	36.5°C, @30°C ambient temperature
Flange Connection	DN100
Max Power Load	1400 kW
Power Supply	2 × 1200A, 3-Phase 380-480V 50/60Hz
Output Voltage	3-Phase 380-480V 50/60Hz
Network	6 × 100Mbps Ethernet Switches
Monitoring & Control	PLC touchscreen integrated with leak detection, temperature control, system monitoring, alarming, constant pressure control
Ambient Temp	-20~45°C, 5%~95%
Noise	Dry Cooler < 76dB(A)@10m
Container Certification	China Classification Society Certification



HYDRO COOLING SINGLE LOOP TO 2.4MW

HC40-M2400



RACK

12 refined racks, each supports 20 Whatsminer or 14 Antminer U3S21EXPH miners.

CDU

Dual-system design with independent loops and CDUs to reduce downtime.

DRY COOLER

Dual V-shaped dry coolers with separate inlet/outlet sets for independent loops.

POWER PANELS

4 × High-quality 3-Phase 380-480V power panels with individual breakers for miners

MONITORING

Equipped with HMI display and smart PLC for real-time monitoring and control

HEAT EXCHANGER

Optional heat exchanger enables seamless transition to heating mode

HC40-M2400 / Technical Specs



Cooling Capacity	2400 kW
Miner Capacity	240 M63/M53 Hydro
Dimension	40ft HQ container, 12192(L) mm × 2438(W) mm × 2896(H)mm
Qty of Racks	12
Cooling Medium	Pure water or soft water with antifreeze and corrosion inhibitor
Water Flow Rate	2 circulation loops, each with 100 m ³ /h flow rate
Water Inlet Temperature	40°C, under 30°C ambient conditions
Flange Connection	2 circulation loop, each with DN100
Max Power Load	2500 kW
Power Supply	4 × 1200A, 3-Phase, 380–480V, 50/60Hz
Output Voltage	3-Phase 380-480V 50/60Hz
Network	12 × 100Mbps Ethernet Switches
Monitoring & Control	PLC touchscreen integrated with leak detection, temperature control, system monitoring, alarming, constant pressure control
Ambient Temp	-20~45°C, 5%~95% RH
Noise	Dry Cooler <76dB(A)@15m
Container Certification	China Classification Society Certification