

ABSTRACT

The disclosure discloses a data center with a liquid cooling cabinet, comprising: a cabinet and a server arranged in the cabinet, a heat exchange assembly; the heat exchange assembly comprises: a base, a base connector and a secondary side circulation water pump module, the base connector is arranged on an outer peripheral wall of base; the base connector includes a first electrical connector, a first coolant supply connector and a first coolant return connector; the water pump connector includes a second electric connector, a second coolant supply connector and a second coolant return connector, the secondary side circulation water pump module connects to the base connector via a water pump connector, which realizes the detachable connection with the base.

When the water pump connector is connected with the base connector in a plug-in manner, the first electric connector is electrically connected with the second electric connector, the first coolant supply connector is connected with the second coolant supply connector, and the first coolant return connector is connected with the second coolant return connector. The data center with the liquid-cooling cabinet type occupies a small space and facilitates the maintenance of the secondary side circulation water pump.

FIG. 2