

# Rack-Level High Power and Liquid-to-Liquid Solution

## Key Features

- ORV3-Compliant Rack with Bus Bar
- ORV3-Compliant Controller
- Power Shelf-Single or Dual AC Input, 300A@50VDC Output
- BBU Charged By Power Shelf 50VDC
- IT Devices-50VDC Input From Power Shelf
- Cooling Solution-CDU Provides 80 KW Cooling Capacity with manifold to be entire Liquid-to-Liquid system
- CDU Controller with redfish & IPMI Protocol support security boot and security FW update
- Size(H x W x D): 2300(44OU) x 600 x 1280mm
- Individual MCU/MPU-based controller management
- DC-Powered CDU

## Benefits

- Unique power input to support IT devices and cooling solution via bus bar
- Power & BBU shelf with liquid cooling solutions
- 1+1 Front-Access Power Redundancy
- BBU Backup power to AI IT devices including cooling solution
- 1+1 Front-Access Pump Redundancy with smart labor-saving structure
- Redfish compliant CDU controller

## Applications



AI



Data Center



HPC  
(High Performance  
Computing)

| IT Devices       | Unit Size | Q'ty | Configuration  |
|------------------|-----------|------|--|
| Application      | 21 inches | 1    | 50VDC bus bar and RDHx   |
| Power Shelf      | 1.5OU     | 4    | 15KW (5+1) with 3KW with Liquid cooling solution<br>PSU*6<br>Single or Dual AC input,<br>with 7-pin universal AC connector   |
| BBU              | 2.5OU     | 4    | 3KW BBU*6 with Liquid cooling solution   |
| GPU / AI Devices | 4OU       | 6    | Metal chassis design<br>Single clip to distribute DC source to GPUs<br>Open-loop GPU cooling<br>Adopt DC source via rack bus bar 4U<br>for GPU*8, 10KW by each device,<br>total power budget is 60KW |
| Cooling Solution | 4OU       | 1    | 80KW CDU<br>liquid-to-liquid adopting facility water<br>Evaluating the source of 50VDC from<br>rack bus bar  |
| Manifold         | N/A       | 4    | with CDU to be entire Liquid-to-Liquid<br>system   |

Dimension Details



For more product information and sales inquiries:

-  [www.liteon.com](http://www.liteon.com)
-  [pss.sales@liteon.com](mailto:pss.sales@liteon.com)
-  3001 Summit Ave. Ste 400, Plano  
TX, 75074, United States



VISIT US

Specifications are subject to change without notice.