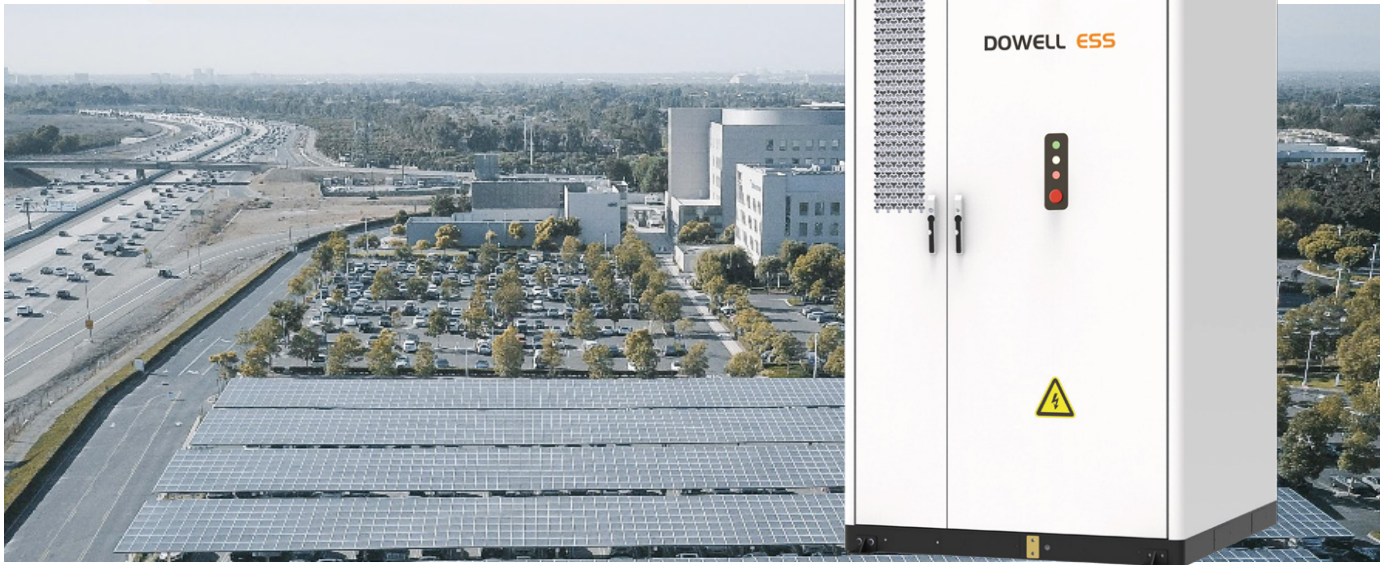


iCube-D Series

C&I Liquid Cooling Battery Cabinet 418kWh

- Flexible Capacity Configuration in Parallel
- Adaptive to Hybrid/PCS Flexible Layout



High Level of Safety

- LFP batteries with high thermal stability, Module /Rack level design based on UL9540A;
- Alternative fire suppression system for different markets;

Long Service Life

- Advanced 314Ah cell (optional cell with super-long cycling up to 12,000 cycles);
- Integrated frequency conversion liquid-cooling system, with cell temperature difference limited to 3°C, and a 33% increase of life expectancy;

High Integration

- Separate liquid cooling system for worry-free heat dissipation;
- Modular design with a high energy density, saving the floor space by 50%;
- Transportation after assembly, reducing on-site installation costs and commissioning time.

Product Model	iCube-D 418kWh
Battery Parameters	
Battery Type	LFP
Battery Cell Capacity	3.2V / 314Ah
Battery Cell Combination	1P416S
Rated Capacity	418kWh
Nominal Voltage	1331V
Voltage Range	1102-1500V
DOD	95%
Cooling Method	Liquid cooling
General Parameters	
Dimensions (WxDxH)	1400x1450x2400mm
Weight	3.5t
Protection grade	IP55
Anti-corrosion grade	C4/C5
Operating temperature	-20~55°C
Humidity range	5-95% (no condensing)
Temperature control	Liquid cooling
Fire protection	Cabinet aerosol+Water fire interface
Altitude	4000m (≥2000m Derated)
Communication	
Communication protocol	Ethernet/RS485/CAN
Communication interface	RJ45/CAN



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