

## Specifications

Product Type	OmniCube-L233-125K-J-EU
<b>DC</b>	
Cell type	LFP
Rated Power	232.96 kWh
Battery Rated Voltage	832 V
Battery Voltage Range	650~949 V
Standard charge/discharge current	140 A (0.5 C)
Max. charge/discharge current	160 A (0.5 C)
DC protection	Breaker+FUSE
<b>AC</b>	
Rated output power	125 kW
Rated grid voltage	400 V
AC connection method	Three-phase three-wire/three-phase four-wire
Nominal grid frequency	50 Hz/60 Hz
Max. THD of current	≤3% (full load)
Power factor	-0.99~+0.99
<b>General data</b>	
Weight	2.5 t
Dimension (W*D*H)	1000*1350*2350 mm
Cooling method	Liquid Cooling
Max. operating altitude	≤2000 m
Operating temperature range	-30~+55 °C
Relative operating humidity	0%-95%, RH
Protection level	IP54
Communication Interface	Ethernet
Protocol	IEC61850, Modbus
Fire Control	Aerosol
Certifications	IEC/EN62619, IEC/UL60730 IEC/EN62477, IEC/EN61000, IEC/EN300328, UN38.3, UN3480

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Potis Edge

## Liquid Cooling Energy Storage System for Commercial & Industrial Applications

OmniCube-L233



# Dual-channel Liquid Cooling, Fully Intelligent OmniCube-L233-125K-J

The OmniCube liquid cooling industrial and commercial energy storage system has a modular design that integrates Power Conversion System (PCS), LFP battery packs, energy management system and fire protection system.

The innovative wing-type liquid cooling technology fully enhances the performance of the energy storage system. It provides integrated intelligent energy storage solutions with high performance, long life and high level of safety for C&I applications.

↑ **20%**

Increase the overall discharge capacity

↓ **20%**

Power consumption decrease



## High performance

Supports high current charge/discharge operation

**1C**

Maximum charge and discharge continuous power

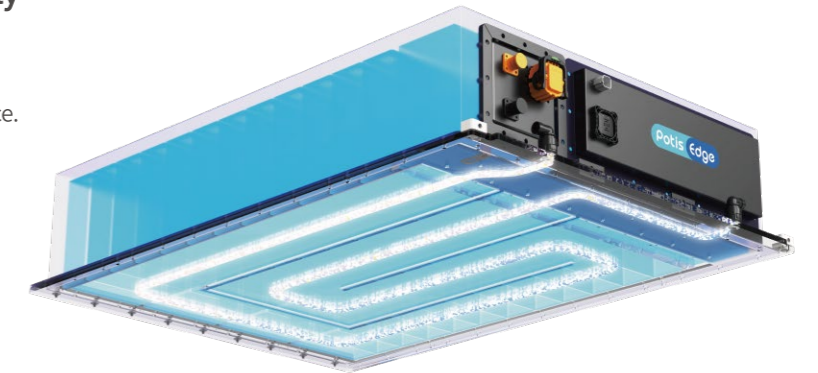
# Wing-type Cooling Plate Design

## Efficient Heat Transfer Capacity

Edgeless heat exchange surface  
With the wings to disturb the fluid, it realizes super heat exchange performance.

## Good Temperature Equalization Performance

Straight-through wing structure.  
Gyratory microchannel flow path design.  
PACK temperature difference < 3°C.



### Lightweight EMS

Modular design  
Support multi-machine parallel for flexible expansion

### Intelligent Operation and Maintenance

Peak shaving, valley filling, emergency power supply  
Optimal control for power flow

### Ultra-high Energy Density

Space-saving installation  
Reduced transportation costs

### Highly Efficient Liquid Cooling

Precise thermal management  
Ensure system safety

# Application Scenarios

