



# OHL-261

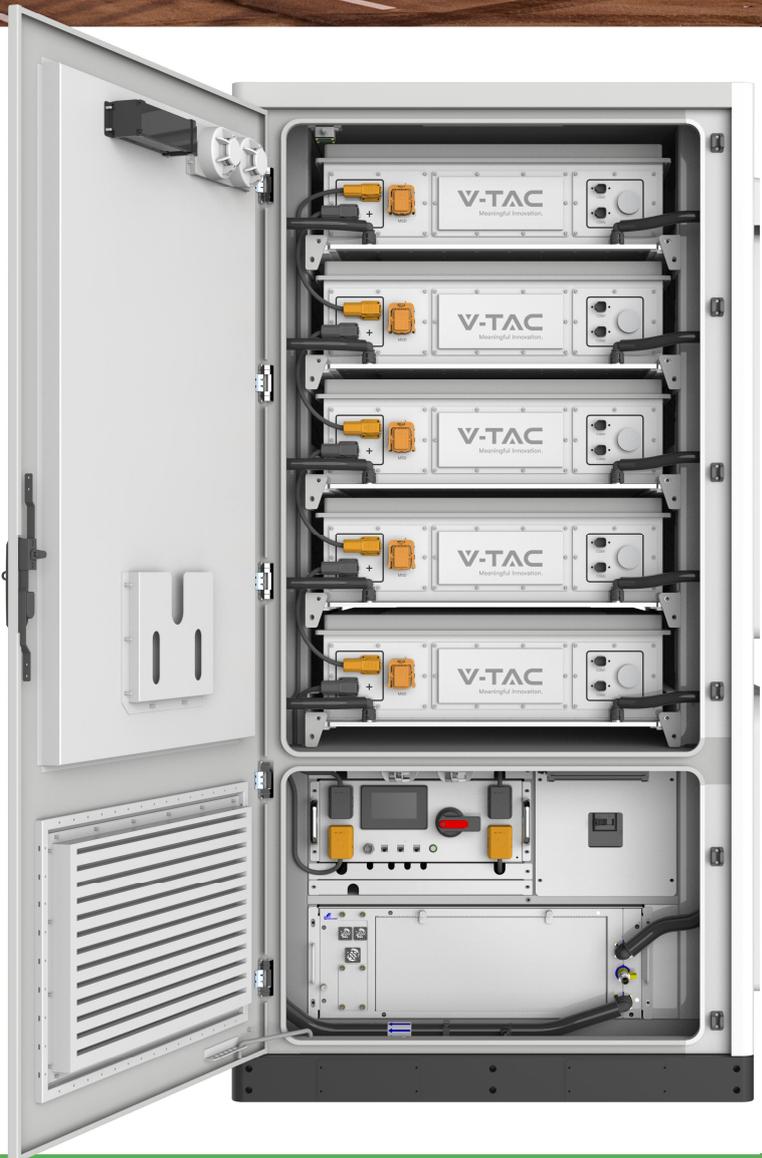
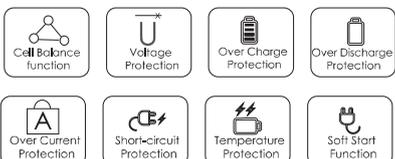
## Rechargeable Li-ion Battery System (Liquid Cooling)

**Smaller Footprint**  
higher energy density benefit from latest LFP technology

**Expandable**  
Module design  
Maximum 52.249kwh\*5S\*2P  
(Inverter based 2 battery input ports)

**Monitor**  
Real-time monitoring of battery charging and discharging, online system updates and maintenance

**Fire fighting**  
Lithium Iron Phosphate (LFP) Battery,  
The battery pack and system adopt an aerosol fire extinguishing solution



# OHL-233

## Technical Data

Model	OHL-261
<b>Main Parameter</b>	
Cell Chemistry	LiFePO4
Module Energy (kWh)	52.249
Module Nominal Voltage (V)	166.4
Module Capacity (Ah)	314Ah
Battery Module Qty In Series (Optional)	5
System Nominal Voltage (V)	832
System Operating Voltage (V)	728~949
System Energy (kWh)	261.245
System Usable Energy (kWh)	235.12
Recommend Charge/Discharge Current (A)	100
Max Charge/Discharge Current (A)	157
Dimension (W/D/H,mm)	1100*1400*2105 (Inverter not included) 1600*1400*2105 (Inverter included)
Weight Approximate (kg)	~2700
Installation Location	Floor-mounted
Cooling method	Liquid Cooling (PACK)
Communication	CAN
Ingress Protection	IP65
Altitude	≤2000m
Cycle Life	25±2°C,0.5C/0.5C,EOL70%≥6000
Monitoring Parameters	System voltage,Current,cell voltage,cell temperature,module temperature
SOC	Intelligent algorithm
Working Temperature	-20°C ~-55°C
Storage Temperature	0~35°C

1. DC Usable Energy, test conditions: 90% DOD, 0.2C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.
2. The current is affected by temperature and SOC.
3. The warranty is due whichever reached first of warranty period or life cycle power.

## Typical application cases

### 1. System Expansion

$$261\text{KWH} * 2 + 80\text{KW inverter} = 80\text{KW} / 522\text{KWH}$$

\*Inverter based 2 battery input ports.



### 2. System Expansion

$$80\text{KW} / 261\text{KWH} * 10 = 800\text{KW} / 2610\text{KWH}$$

\*The AC side of the inverter can be parallel with ten machines

