

# IMMERSION-COOLED ALL-IN-ONE ESS

Full  
Immersion  
Safety  
Protection

Cell  $\Delta T$   
 $\leq 2^{\circ}\text{C}$

Cycle  
Lifespan  
13.6% $\uparrow$



## Certifications and Compliance

IEC 62619 IEC 62477 IEC 61000 EN 50549 UL 1973 UL 9540A UN38.3 G99



| Model               | KES-125/261-AL/I-AB-D  |
|---------------------|--|
| <b>AC Side</b>      |  |
| Rated Power         | 125 kW   |
| Max. Current        | 209 A  |
| Rated Voltage       | 400V / 3P+N+PE   |
| Off-Grid Support    | Yes  |
| <b>DC Side</b>      |  |
| Rated Capacity      | 261 kWh  |
| Max. Current        | 200 A  |
| Battery Cell        | LFP 3.2V / 314 Ah  |
| DC Voltage Range    | 700 V – 950 V  |
| Rated DC Voltage    | 832 V  |
| Cycle Lifespan      | ≥7000  |
| BMS Balancing       | Active balancing   |
| Thermal Management  | Flow immersion liquid cooling  |
| Fire Suppression    | Kortrong special gas fire suppression + immersion-based + cabinet-level detection & monitoring |
| <b>General</b>      |  |
| Enclosure Rating    | IP55   |
| Ambient Temperature | -30°C to +50°C (derating >45°C)  |
| Weight              | 3.5 t  |
| Dimensions (W×D×H)  | 1450 mm × 1400 mm × 2350 mm  |



Ultimate Safety, Addressing the industry's most critical battery challenges.



High Efficiency & Deep Integration, Fully Self-Developed Core Components.



Engineered for Extreme Environments — High/Low Temperature, Altitude, and Humidity.