

HESS Series

High Voltage Household Energy Storage System



Flexible capacity options
5.12kWh to 81.92kWh



Grade A cells for superior
performance



IP65 Protection
Excellent safety of cobalt
free LiFePO4 battery



Belgian Technology
5-10 Year Warranty





| HW-5kWh-435V | |
|------------------------------------|----------------------------------------------------------------|
| Battery Type | LiFePO4 |
| Nominal Voltage | 435V |
| Operating Voltage Range | 350-600V |
| Nominal Capacity | 100Ah |
| Nominal Energy | 5.12kWh |
| Standard Charge/ Discharge Current | 5.9A |
| Max Charge/Discharge Current | 7.5A |
| Cycle Life | 6000 cycles @ 90 DoD 80% capacity remains after 6000 cycles |
| Operation Temperature | Charge: 0°C – 50°C Discharge: -20°C – 55°C |
| Dimension(W/D/H) | 440/150/700 mm |
| Terminal Type | Quick plug connector |
| Weight | 55kg |
| IP Level | IP65 |
| Communication Mode | CAN2.0 / RS485 / RS232 |
| Installation | Wall mount / Floor stand |
| Warranty | 10 years |