

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





HR-5k-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)	440/448/178 mm
Terminal Type	Quick plug connector
Weight	55kg
IP Level	IP20/IP65
Communication Mode	CAN2.0 / RS485 / RS232
Installation	Rack mount
Warranty	5-10 years