



Excellent Safety

LiFePO4 chemical
Triple level protection



More Usable Energy

100%DOD
Pack Energy Optimization



Flexible Extend

15KWh Battery module
Scalable 15-300KWh range



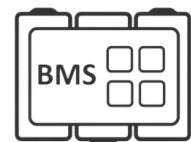
Easy Installation

Ultra thin thickness
Small size occupying no
space



Good Compatibility

Compatible to 30+ market
mainstream inverter brands



Advanced BMS

Integrated BMS ensures cell
real-time monitoring for safety and
longevity

PRODUCT SPECIFICATION

Product Name Energy Storage Battery

Product Series Wall Mounted Low-voltage Series

Product Model HS-LW16K314-S

Specification Version V3.0

Part 3 § Battery Module Specification



ELECTRICAL PERFORMANCE	
Rated voltage	51.2Vdc
Rated capacity	314Ah 16kWh
Voltage range	40V ~ 57.6V
Charge current	≤ 150A
Discharge current	≤ 200A
Peak/Max current	1C @10s
Communication	RS485 / CAN
Cycle times	8000+ Times @80%DOD
Extended quantity	Up to 32pcs (512KWh)
ENVIRONMENT & OTHERS	
IP level	IP65 Outdoor
Charge temperature	0°C ~ 50°C
Discharge temperature	-20°C ~ 60°C
Storage temperature	-20°C~ 45°C
Dimension	830x420x250mm
Compatible inverter	DEYE, SOFAR,GOODWE,SELECTIONICS, PYLONTECH ETC
Weight	115kg

Part 4 § Battery Packs



- [1] Test conditions: 100% DOD, 0.2C charge & discharge @+25°C
- [2] System Usable Energy may be variant with different inverter brands
- [3] Warranty: Refer to Huison residential product warranty

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