

## Floor-Standing LiFePO4 Battery ESS

# W16K

16kWh



## HIGH PERFORMANCE

- >8000 life cycles. [1]
- High capacity 314AH cell.



## SAFE AND RELIABLE

- IP65 design, available for indoor / outdoor.
- Intelligent BMS with overcharge / over-discharge protection.



## USER FRIENDLY SETUP

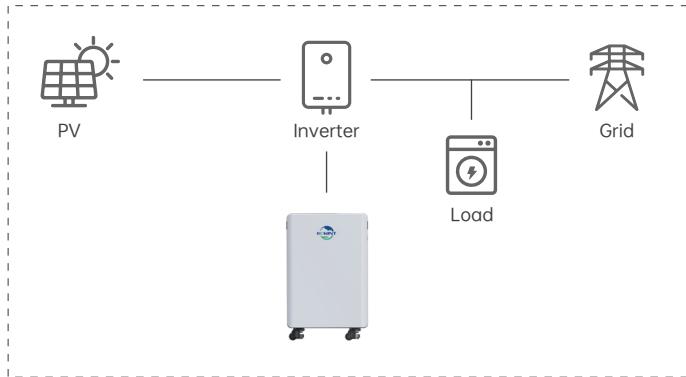
- Compatible with various inverters for flexible setups.
- Cloud platform / APP remote monitor.



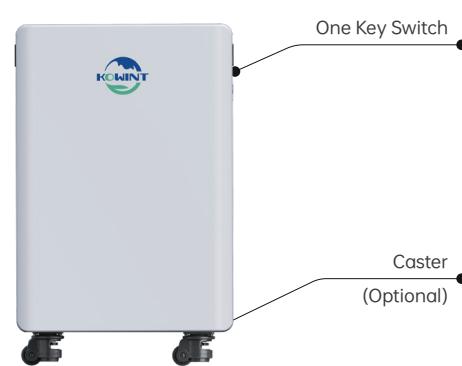
## EASY INSTALLATION

- Floor-standing design optimizes space utilization.
- Built-in casters for easy transport and quick setup.

## System Layout



## System Demonstration



## ● Product Specifications

### System Characteristics

|  |  |
|--|--|
| Battery Type                           | LiFePO4  |
| Rated Energy(kWh)                      | 16   |
| Cell Capacity(Ah)                      | 314  |
| Rated Voltage(V)                       | 51.2   |
| Cell Model                             | 3.2V 314Ah   |
| Combination Mode                       | 16S1P  |
| Discharge Cut-off Voltage(V)           | 43.2   |
| Recommend Charing(V)                   | 56.8   |
| Max. Charging / Discharging Current(A) | 200  |
| Primary Overcurrent Protection(A)      | 210A@10S   |
| Secondary Overcurrent Protection(A)    | 250A@500mS   |
| Communication                          | RS485 / CAN / RS232  |
| Compatible Inverter Brand              | SMA, Growatt, Solax, Solis, DEYE, Sofar, Voltronic, Studer, etc                  |
| Cycle life                             | ≥8000 times @ 25°C   |
| Dimensions - W*D*H(mm/in)              | 500*245*740/19.69*9.65*29.13   |
| Net Weight (kg/lb)                     | ~133/~293  |
| Protection Degree                      | IP65   |
| Cooling                                | Natural Cooling  |
| Installation                           | Wall-Mount In  |
| Discharge Temperature(°C)              | - 20 ~ 50  |
| Charge Temperature(°C)                 | 0 ~ 50   |
| Storage Conditions                     | -20 ~ 55°C(0 ~ 35°C Recommended)Up to 95 % RH, non-condensing, Initial So : 50 % |
| Battery Compliances                    | IEC 62619, UN 38.3, CEI 0-21, EN-61000, CE-LVD/62477, UL1973 UL9540A             |
| Parallel Capacity                      | Max. 15  |
| Warranty[2]                            | 10 Years   |

### ● Packaging & Shipping Details

