

# LIGHT COMMERCIAL

## IES BATT-61-A



### More Usable Energy

Deep cycle DOD control  
Cobalt Free Lithium Iron Phosphate  
(LFP) 6000 Cycles



### Scalable Design

Flexible expansion from  
61.4kWh - 614.4kWh DC



### Smart O&M

Supports remote monitoring,  
troubleshooting and data analysis



### Safe & Reliable

Multi-level early warning and  
fire suppression design



### Quick Commissioning

One button ON/OFF  
Automatic ID assignment



### Perfect Compatibility

Compatible with leading  
PCS brands

INFINITE | ENERGY | STORAGE

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# IES-61-A ESS

## DC SIDE PARAMETERS

|                                      |                    |
|--------------------------------------|--------------------|
| Cell Technology                      | LFP-3.2 V / 100 Ah |
| Battery Module                       | 5.12 kWh, 51.2 V   |
| Number of Packs                      | 12                 |
| Battery System Rated Capacity        | 61.44 kWh          |
| Battery System Rated Voltage         | 614.4 V            |
| Battery System Rated Current         | 80 A               |
| Battery System Voltage Range         | 480 V - 700.8 V    |
| Battery System Charge/Discharge Rate | 0.8P               |

## OTHER PARAMETERS

|                           |                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------|
| Dimension (W×D×H)         | 735 x 1045 x 2235 mm   29 x 41 x 88 inch                                                                  |
| Weight                    | 1080 kg (2380.9 lbs)                                                                                      |
| Operating Temperature     | -30°C ~ +55°C (-22°F ~ +131°F) (Derating Below -15°C or Above 45°C)                                       |
| Relative Humidity         | 0 ~ 95% (No Condensation)                                                                                 |
| Maximum Working Altitude  | 3000m (> 2000m Derating)                                                                                  |
| Noise                     | ≤75 dB                                                                                                    |
| Ingress Protection Rating | IP55                                                                                                      |
| Heat Dissipation Method   | Forced Air Cooling System (HVAC)                                                                          |
| Firefighting              | Aerosol: Module-level (Optional) + Stack-level, Water Firefighting, Combustible Gas Detection and Exhaust |
| Communication             | CAN / RS485 / TCP                                                                                         |
| Cycle Life                | 6 000 Cycles (25±2°C, 0.8P/0.8P, 70% SOH, 90%DOD / 10 Years, whichever comes first)                       |

## STANDARD COMPLIANCE

|            |                                                                                        |
|------------|----------------------------------------------------------------------------------------|
| Compliance | UN38.3 / UN3480 / IEC62619 / IEC61000 / IEC62477-1 / CQC (More available upon request) |
|------------|----------------------------------------------------------------------------------------|