



# Sol-Ark & Pytes ESS Packages

Grid-tie, Off-grid, DC and AC Coupled, Indoor and Outdoor Applications



\*Typical packages are listed above.

\*Sol-Ark 5k/8k/12k/15k inverters + Pytes batteries are UL 9540 certified and eligible for SGIP.  
Contact Pytes for more related info.



# UL 9540 Certified ESS System



## Specifications






### Battery

Model	E-BOX 48100R
Nominal Voltage	51.2V
Nominal Capacity	100Ah (5.12kWh)
Recommended Charge/Discharge Rate	50A (2.56kW DC)
Maximum Charge/Discharge Rate	50A (2.56kW DC)
Peak Discharge Current	102A (5.22kW@15s)
Cycle Life	≥6000 cycles
Parallel Stacking	Up to 96
Ambient Temperature	14°F~122°F
Weight	112.5 lbs (51kg)
Dimensions (H * W * D)	17.32 * 24.41 * 4.61 inch (2.6U)
Warranty	10 Years

### Certifications & Listings

UL 9540 Ed.2 (2020), UL 9540A, UL 1973, CEC, SGIP

### Features

-  **Scalable**
  - From 5.12kWh to 491.52kWh
-  **Easy to Install**
-  **Long-lasting**
  - ≥6000 Cycles @ 90%DOD
-  **Wide Compatibility**
-  **Safe & Reliable**
  - Tier 1 Automotive Grade A LiFePO4 cells
  - Self-designed & Field-proven BMS

## About Sol-Ark & Pytes

### Pytes

A 20-year reputable battery provider for top players in ESS, LEV and 3C markets  
A vertically integrated manufacturer with full control on supply chain and quality



- #1 Off-Grid inverter sold in USA
- #1 Installer & customer satisfaction in USA
- #1 Battery hybrid sold in Puerto Rico & #2 battery hybrid sold in USA

## Service

- 10 Year Warranty
- 24/7 Technical Support
- Regular Webinars & Training

## Fulfillment

- 4 Local Warehouses
- Delivery within One Week
- UL 9540 Solution One-stop Purchase



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