

# EPOCH 12V 334AH ESSENTIAL SERIES

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## Machine Information

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|-----------|-----------|
| Condition | New       |
| Brand     | Epoch     |
| Category  | Batteries |

The Epoch 12V 334Ah Essential Series LiFePO4 battery provides 4.28kWh of deep-cycle storage for RVs, marine house banks, vans, and off-grid solar systems. Its 60 lb Group 31 package brings a larger-capacity option to installations that would otherwise use multiple smaller batteries. Rated for 200A continuous output and up to 200A charging, it combines internal heating with Bluetooth monitoring for cold-weather charging support and app-based battery visibility. The listed charging range reaches -4°F with heating, and the enclosure carries an IP54 rating. With 4,000+ cycles and an 11-year warranty, it is designed for sustained house and storage loads, not engine cranking.

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## Configuration

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|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SKU             | 12334A-H                                                                                                                                                                                                          |
| Heated          | yes                                                                                                                                                                                                               |
| Victron         | no                                                                                                                                                                                                                |
| Bci Group       | 31                                                                                                                                                                                                                |
| Ip Rating       | IP54                                                                                                                                                                                                              |
| Warranty        | 11 yr                                                                                                                                                                                                             |
| Width_in        | 7.6                                                                                                                                                                                                               |
| Bluetooth       | yes                                                                                                                                                                                                               |
| Chemistry       | LiFePO4 / Lithium iron phosphate                                                                                                                                                                                  |
| Cycle Life      | 4,000+                                                                                                                                                                                                            |
| Energy Kwh      | 4.28                                                                                                                                                                                                              |
| Height_in       | 10                                                                                                                                                                                                                |
| Length_in       | 13.8                                                                                                                                                                                                              |
| Capacity Ah     | 334                                                                                                                                                                                                               |
| Weight_lbs      | 60                                                                                                                                                                                                                |
| Model Number    | 12V 334Ah Essential Series                                                                                                                                                                                        |
| Data Sheet Url  | <a href="https://cdn.shopify.com/s/files/1/0251/0484/2798/files/Epoch_12334A-H_Data_Sheet.pdf?v=1787911907">https://cdn.shopify.com/s/files/1/0251/0484/2798/files/Epoch_12334A-H_Data_Sheet.pdf?v=1787911907</a> |
| Terminal Size   | Threaded terminal; verify supplied hardware and torque                                                                                                                                                            |
| Max Output Amps | 200                                                                                                                                                                                                               |

|                                    |                                                                                                                                                                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>User Manual Url</b>             | <a href="https://cdn.shopify.com/s/files/1/0251/0484/2798/files/Epoch_12334A-H_User_Manual_Final.pdf?v=1787911908">https://cdn.shopify.com/s/files/1/0251/0484/2798/files/Epoch_12334A-H_User_Manual_Final.pdf?v=1787911908</a> |
| <b>Nominal Voltage</b>             | 12.8                                                                                                                                                                                                                            |
| <b>Peak Output Amps</b>            | 400A for 3 seconds                                                                                                                                                                                                              |
| <b>Max Charge Rate Amps</b>        | 200                                                                                                                                                                                                                             |
| <b>Safety Data Sheet Url</b>       | <a href="https://cdn.shopify.com/s/files/1/0251/0484/2798/files/SAFETY_SHEET-1.pdf?v=1768158420">https://cdn.shopify.com/s/files/1/0251/0484/2798/files/SAFETY_SHEET-1.pdf?v=1768158420</a>                                     |
| <b>Shipping Restriction</b>        | supplier_direct_epoch                                                                                                                                                                                                           |
| <b>Charge Temperature Range</b>    | -20°C to 55°C / -4°F to 131°F with heating                                                                                                                                                                                      |
| <b>Discharge Temperature Range</b> | -20°C to 60°C / -4°F to 140°F                                                                                                                                                                                                   |
| <b>Shipping Restriction Reason</b> | Epoch ships these verified batteries directly to US customers. Shopify must confirm the delivery rate by ZIP; eligible Epoch orders over \$150 ship free.                                                                       |

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