



Technical Note
Compatibility Matrix for SolarEdge Home
Three-Phase Inverters and Batteries

Revision history

- Version 1.5, September 2025: Added SolarEdge Home Battery Three-Phase and SolarEdge Home Battery – 48V (W) to the matrix. Updated the name of the SolarEdge Home Hub inverter.
- Version 1.4, June 2024: Updated SolarEdge Three Phase Inverter for Short PV strings - support single Inverter and single battery.
- Version 1.3, March 2024: Updated SolarEdge Home Battery 400V - only 1 battery per inverter.

Compatibility matrix

This matrix displays the compatibility between SolarEdge Home Three Phase Inverters and SolarEdge Home batteries, as well as third-party batteries. In addition, it [includes the maximum number of batteries or battery modules](#) per inverter. For SolarEdge Home Network and inverter compatibility, read the [SolarEdge Home Network Plug-in Kit Selection Technical Note](#).

| Part Number | | SolarEdge Home Battery – 48V | SolarEdge Home Battery – Three-Phase ¹ | SolarEdge Home Battery – 48V (W) ² | BYD Battery-Box Premium LVS | LG Chem LV Battery | SolarEdge Home Battery – 400V |
|---|------------------|----------------------------------|---|---|----------------------------------|---|-------------------------------|
| Maximum Number of Batteries per Inverter | | 1-5 battery modules per inverter | 1-5 battery modules per inverter | 1-4 battery modules per inverter | 1-6 battery modules per inverter | Up to 2 batteries per inverter (with RESU Plus) | 1 battery per inverter |
| SolarEdge Home Hub Universal Inverter – Three-Phase | SExxK-RWB48Bxxx | ✓ | ✓ | ✓ | X | X | X |
| | SExxK-ILB48Bxxx | ✓ | X | X | | | |
| | SExxK-ILBZ48Bxxx | | | | | | |
| StorEdge Three-Phase Inverter | SExxxK-RWS48xxxx | ✓ ³ | X | X | ✓ | ✓ ⁴ | X |
| SolarEdge Three-Phase Inverter for Short PV Strings | SExK-RWBTEBEN4 | X | X | X | X | X | ✓ ⁵ |

¹Only available in Australia

²Limited availability

³Supported from Production Week 29, 2021 and excluding "BYD-only" Part Numbers SE*K-RWS48BEB4. The production week can be identified by the serial number of the inverter. "SxWWYY" indicates production week WW in year YY. For example, "SJ3021" was produced in week 30, 2021.

⁴Excluding Part Numbers SE*K-RWS48BEB4.

⁵Supported only in limited countries. For supported countries, contact SolarEdge sales. Limited to a single Inverter on site with a single battery. Supported from CPU version 4.21.1xx and later.