

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

Revision History

- 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
- Version 1.2, November 2023

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	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	1-6 battery modules per inverter	Up to 2 batteries per inverter (with RESU Plus)	1 battery per inverter
SolarEdge Home Hub Inverter – Three Phase	SExxK-RWB48Bxxx SExxK-ILB48Bxxx SExxK-ILBZ48Bxxx	✓	✗	✗	✗
StorEdge Three Phase Inverter	SExxxK-RWS48xxxx	✓ ₁	✓	✓ ₂	✗
SolarEdge Three Phase Inverter for Short PV Strings	SExK-RWBTEBEN4	✗	✗	✗	✓ ₃

¹ Supported 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

² Excluding Part Numbers SE*K-RWS48BEB4.

³ Supported 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.