



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 <sup>1</sup>	SolarEdge Home Battery – 48V (W) <sup>2</sup>	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	✓ <sup>3</sup>	X	X	✓	✓ <sup>4</sup>	X
SolarEdge Three-Phase Inverter for Short PV Strings	SExK-RWBTEBEN4	X	X	X	X	X	✓ <sup>5</sup>

<sup>1</sup>Only available in Australia

<sup>2</sup>Limited availability

<sup>3</sup>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.

<sup>4</sup>Excluding Part Numbers SE\*K-RWS48BEB4.

<sup>5</sup>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.