

StorEdge Three Phase Inverter – Supported System Configurations

Version History

- Version 1.0 (July 2019) – Initial release

Introduction

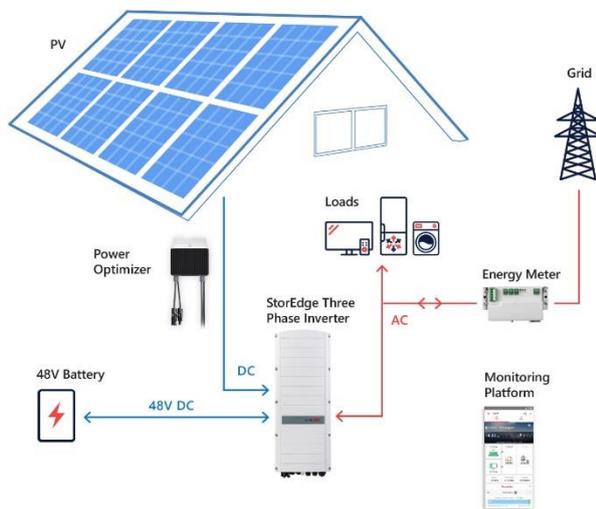
The StorEdge Solution with the StorEdge three phase inverter can be used for various applications that enable energy independence for system owners, by utilizing a battery to store power and supply power as needed. This Solution is based on and managed by the StorEdge three phase inverter for both PV and battery management.

This document describes the supported system configurations and compatible battery models.

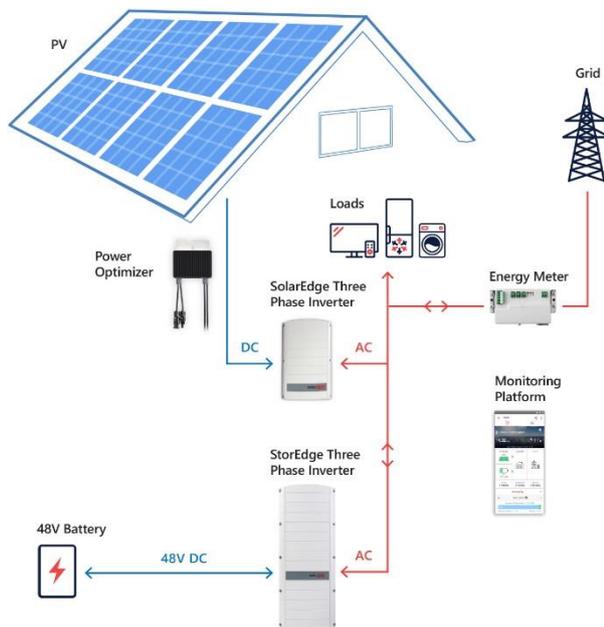
Supported system configurations

The following list specifies only the configurations that are supported by SolarEdge:

- DC-coupled – this configuration is comprised of power optimizers, a single StorEdge inverter and a single battery. [Smart energy products](#) can be connected to the StorEdge inverter.



- AC-coupled – for sites that already have a SolarEdge three phase inverter installed, a single StorEdge inverter can be AC-coupled to the existing inverter. The StorEdge inverter can then be DC-coupled to a single battery. [Smart energy products](#) can be connected to the each one of the inverters.



Compatible batteries

The inverter can be connected to batteries manufactured by LG Chem or BYD:

Battery manufacturer	Compatible models	Required inverter firmware version
LG Chem	RESU6.5, RESU10	4.7.xx and above
	RESU3.3, RESU13	Refer to the inverter firmware release notes to stay updated on the supporting version: https://www.solaredge.com/setapp-inverters-firmware .
BYD	B-Box LV 3.5, B-Box LV 7, B-Box LV 10.5, B-Box LV 14	https://www.solaredge.com/setapp-inverters-firmware .