

## Sungrow Samsung Battery (SBP4K8) Installation Tips

To meet the growing demand for the residential energy storage market and provide better storage system solutions, Sungrow released its next generation residential battery storage system, which is a new Sungrow-Samsung Li-ion battery SBP4K8.

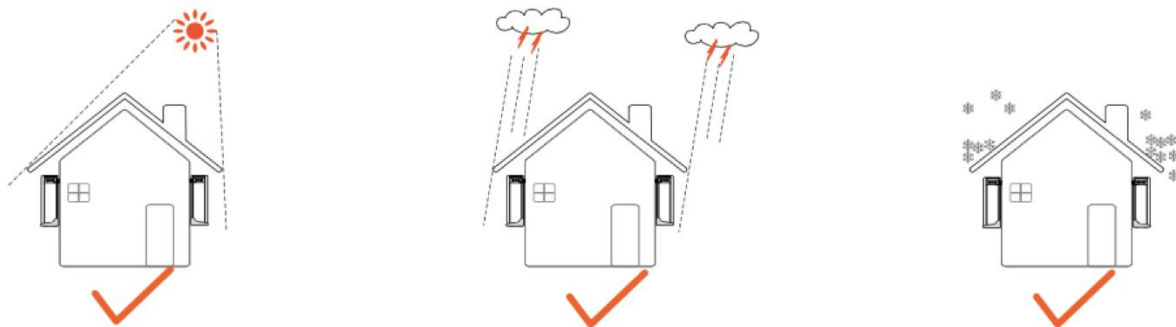
Some key components are listed in below as a guideline to help installers to install the battery.

	Specification	Example*
Battery cables	a cross-section of 16 mm <sup>2</sup> - 25 mm <sup>2</sup> , OT25-6 lugs and a cable diameter of 13 mm - 16 mm	25 mm <sup>2</sup> battery cables
Battery isolator	A two-pole DC circuit breaker with over-voltage and over-current protection (at less 100 V DC and 100 A DC).	BENY BDM-125 with IP65 enclosure

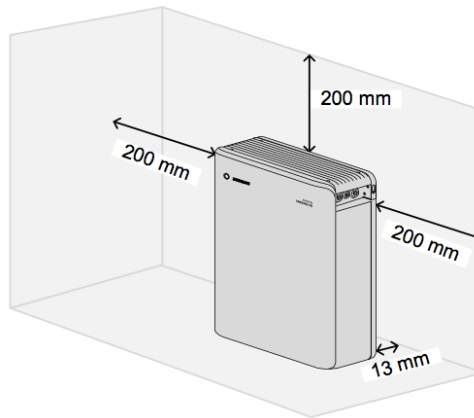
\* This is an example only.

### Installation requirements:

Sungrow recommends that the shaded side of the building would be better to prevent the battery from exposure to the sun, rain, and snow. Battery must not be mounted in direct sunlight as this affects the internal heat, and therefore efficiency of the battery.



## Minimum clearances:



A completed installation with a battery isolator is shown below.



Please also click [here](#) to watch the battery installation tips video for more information.