

Delivery Description for Residential Battery Y-Terminal and Accessory

Rev.	Effective Date	Changes
01	2024-08-05	Initial release.

1 Purpose

The Y-terminal with accessories are used for the power cable connection between two battery modules with the same model (SBH/SBR series) in parallel to a single hybrid inverter. This document mainly describes the delivery contents for each set, sales available BOM, packaging, and application scenario of the Y-terminal and accessories.

2 Validity

This document is valid for the components used in residential hybrid system, as shown in the following table.

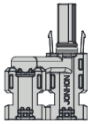
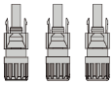
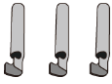
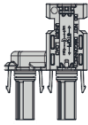
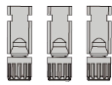
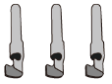
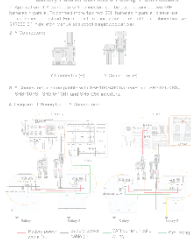
Component	Model	Hereinafter Referred to as
SBH battery	SBH100 / SBH150 / SBH200 / SBH250 / SBH300 / SBH350 / SBH400	SBH100-400
SBR battery	SBR064 / SBR096 / SBR128 / SBR160 / SBR192 / SBR224 / SBR256	SBR064-256
1-phase hybrid inverter	SH3.0RS-V11 / SH3.6RS-V11 / SH4.0RS-V11 / SH5.0RS-V11 / SH6.0RS-V11	SH3.0-6.0RS-V11
	SH5.0RS-V112 / SH6.0RS-V112	SH5.0_6.0RS-V112
	SH3.0RS-V13 / SH3.6RS-V13 / SH4.0RS-V13 / SH5.0RS-V13 / SH6.0RS-V13	SH3.0-6.0RS-V13
	SH8.0RS-V11 / SH10RS-V11	SH8.0_10RS-V11
3-phase hybrid inverter	SH8.0RS-V112 / SH10RS-V112	SH8.0_10RS-V112
	SH5.0RT-V11 / SH6.0RT-V11 / SH8.0RT-V11 / SH10RT-V11	SH5.0-10RT-V11
	SH5.0RT-V112 / SH6.0RT-V112 / SH8.0RT-V112 / SH10RT-V112	SH5.0-10RT-V112
	SH5.0RT-20-V11 / SH6.0RT-20-V11 / SH8.0RT-20-V11 / SH10RT-20-V11	SH5.0-10RT-20-V11
	SH5T-V11 / SH6T-V11 / SH8T-V11 / SH10T-V11 / SH12T-V11 / SH15T-V11 / SH20T-V11 / SH25T-V11	SH5-25T-V11
	SH5T-V112 / SH6T-V112 / SH8T-V112 / SH10T-V112 / SH12T-V112 / SH15T-V112 / SH20T-V112 / SH25T-V112	SH5-25T-V112

3 Target Group

This document is intended for product managers, solution managers and technical support personnel.

4 Delivery Content

Each set of Y-terminal with accessories is packed in transparent bags. The following table describes the delivery contents for each set.

Name	Illustration	Quantity	Remarks
Y-terminal (+)		1	For connection to inverter BAT+ *.
Male connector (+)		3	For installation to Y-terminal (+).
Male ferrule (+)		3	For power cable (+) assembly.
Y-terminal (-)		1	For connection to inverter BAT- *.
Female connector (-)		3	For installation to Y-terminal (-).
Female ferrule (-)		3	For power cable (-) assembly.
Quick installation guide		1	Description for how to use the Y-terminal and accessory.

* Note:

- If SBH/SBR series batteries are configured with SH3.0-6.0RS or SH5.0-10RT/-20 inverters, the Y-terminal cannot be directly installed to the BAT+ / BAT- terminal on the inverter.
- For SBH battery, use the connector in SBH delivery to make an extension cable.
- For SBR batteries, use the connector in inverter delivery to make an extension cable.
- For details, see the quick installation guide.

5 Packaging

The Y-terminal with accessories can be ordered separately. The minimum sales unit is 1 box, with 40 sets inside. The following table describes the sales available BOM.

BOM	Description	Model
BOB00662	Residential battery parallel terminal accessory	CT75A-2F_V11_S

The minimum package and size are shown in the figure below (for illustration only).

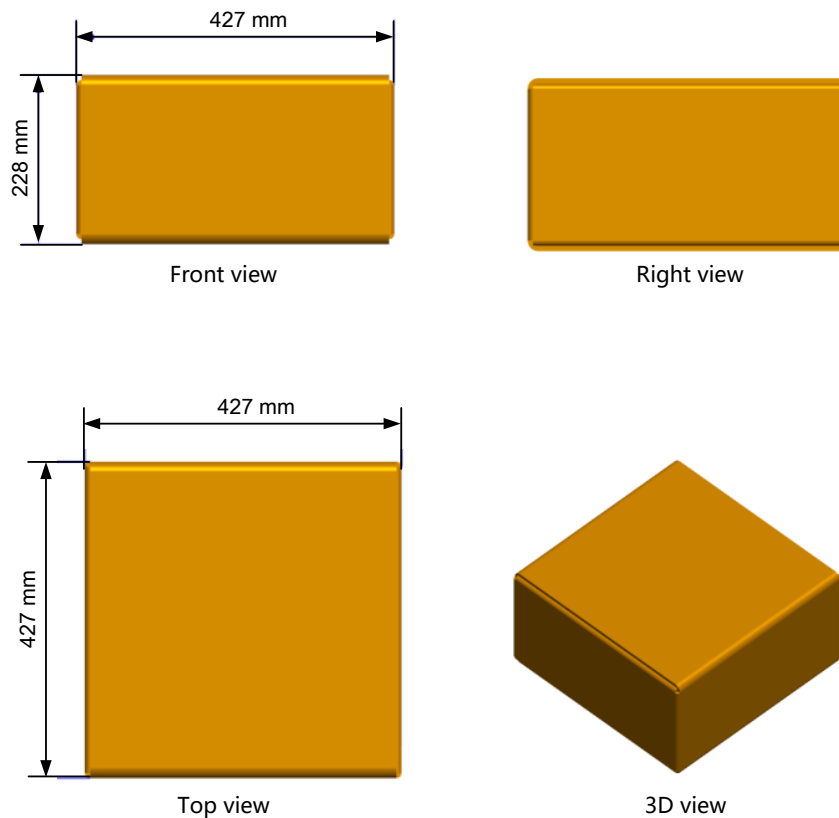


Figure 1 Package Illustration

Parameter	Specification
Dimensions (W x H x D)	427mm x 228mm x 427mm
Weight	6.5 kg
Quantity of Y-terminal with accessory	40 sets

Note:

When stacking the packages, please follow the stacking layer limitation described on the package.

6 Applicable Scenario

The Y-terminal with accessories is a supplementary solution for two battery modules in parallel. It only applies to the power cable connection between a single hybrid inverter and two battery modules **with the same model**, as shown in the following figure.

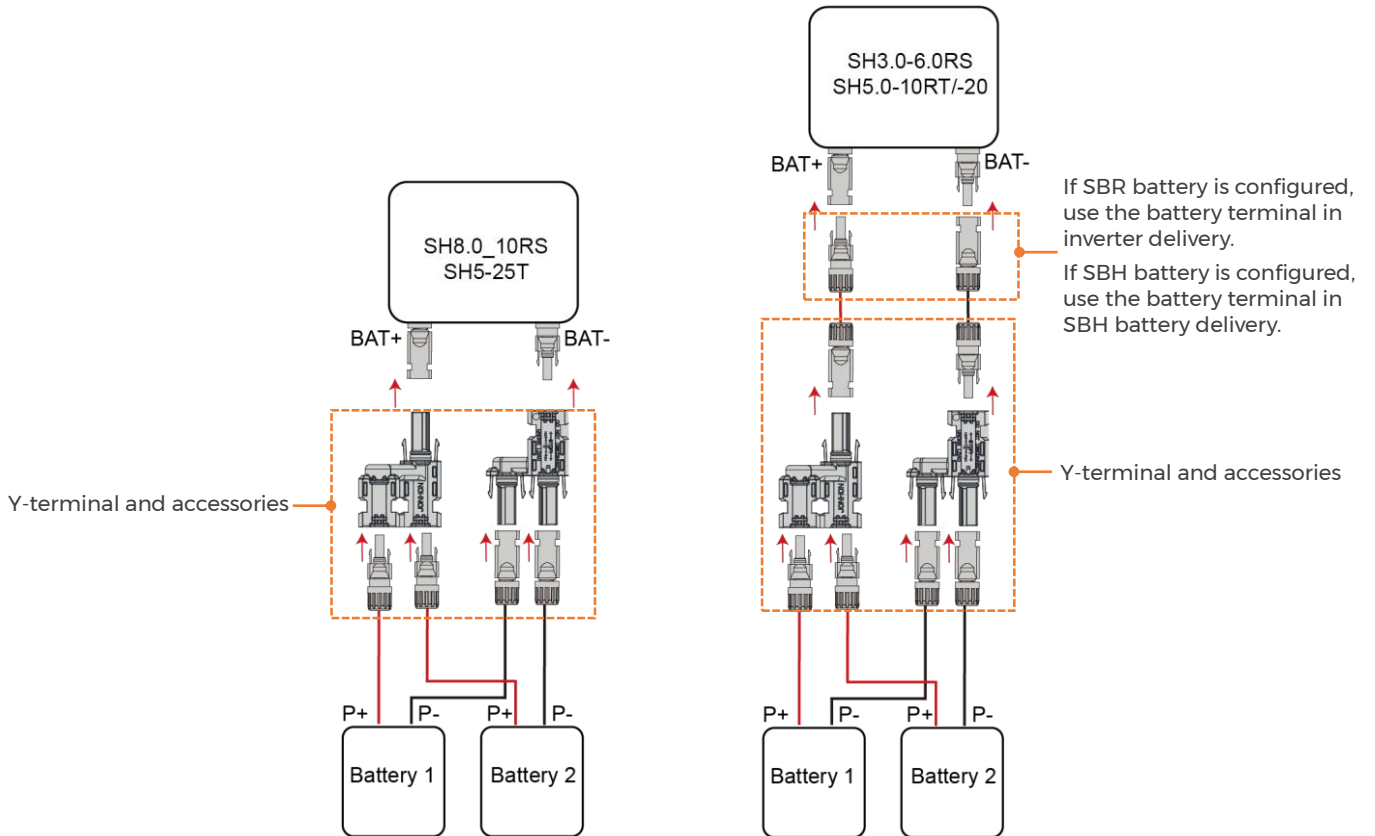


Figure 2 Applicable Scenario

For details about the connections between different battery models and different hybrid inverters, please see [Y-terminal Quick Installation Guide](#) and it is delivered with the Y-terminal.