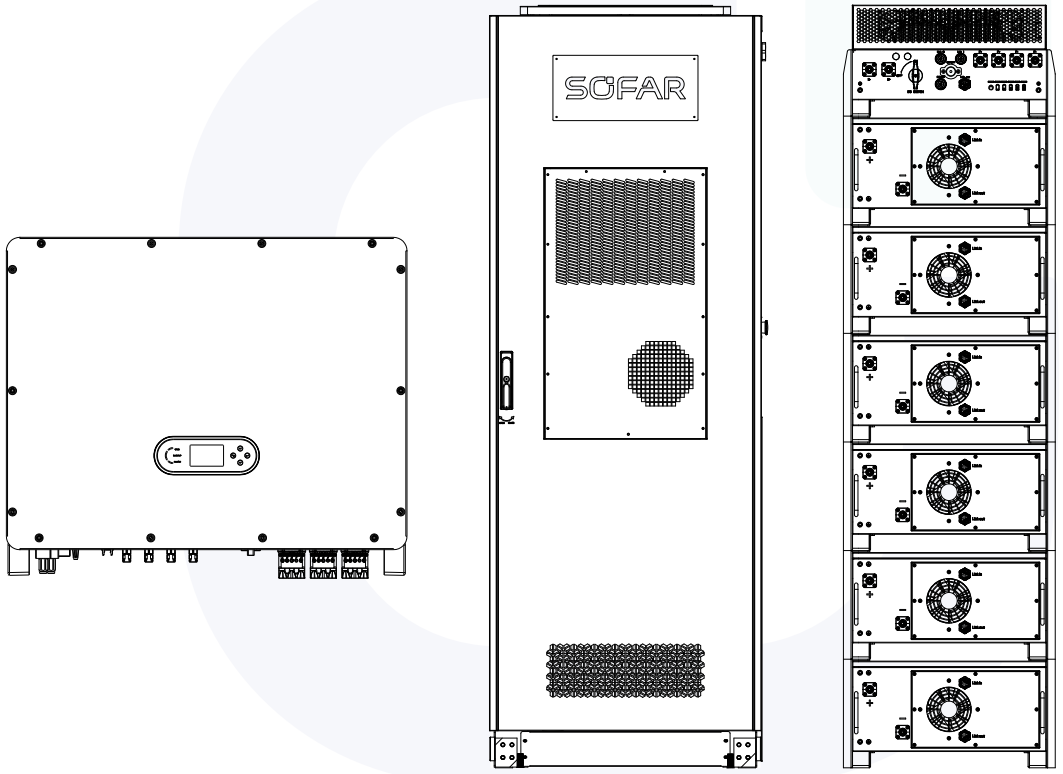
Optional Installation Accessories Kit Diagram

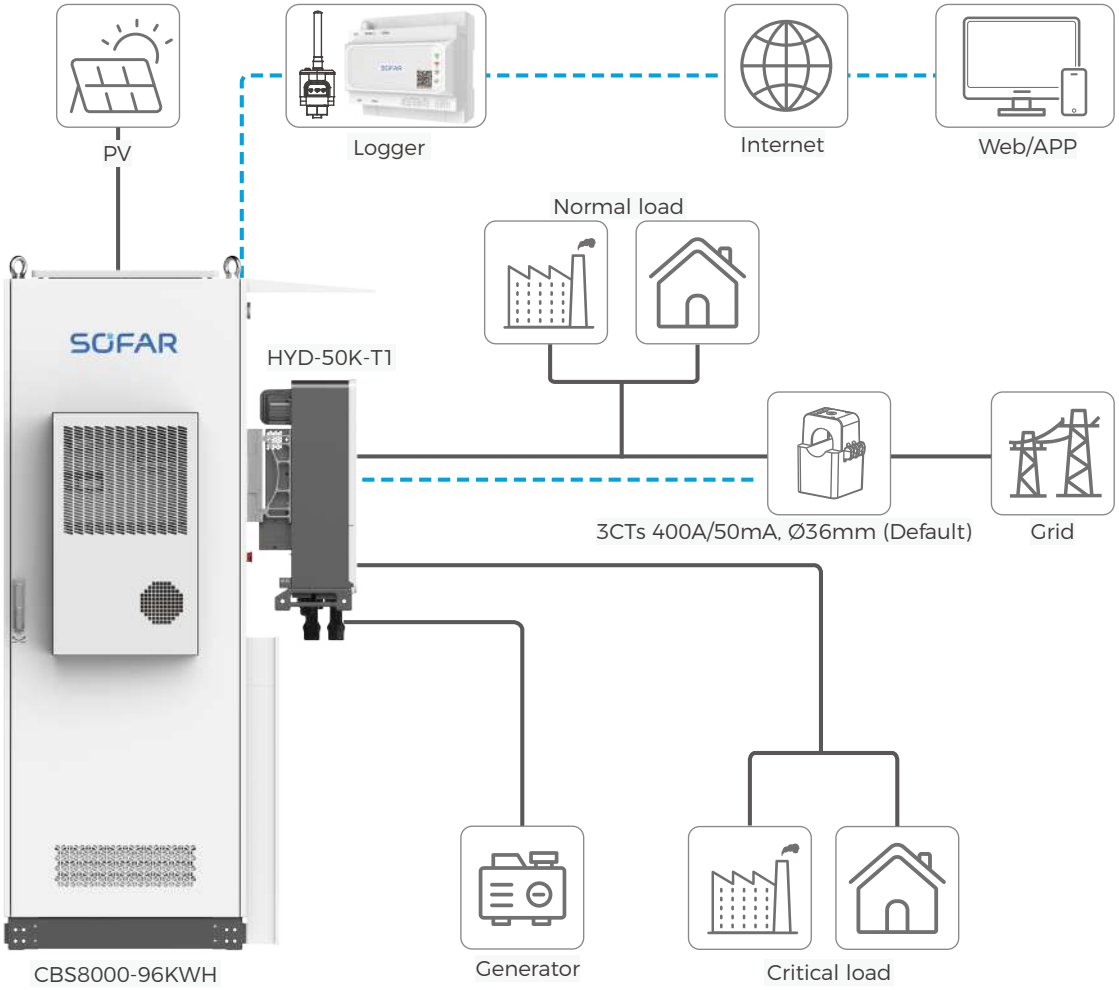
HYD-40-60K-T1+CBS8000 series battery system configuration

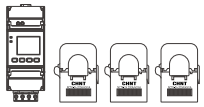


HYD-40-60K-T1 + CBS8000 Battery (50KW/96KWH)

System Installation method 1:

Inverter Wall-mounted on the cabinet



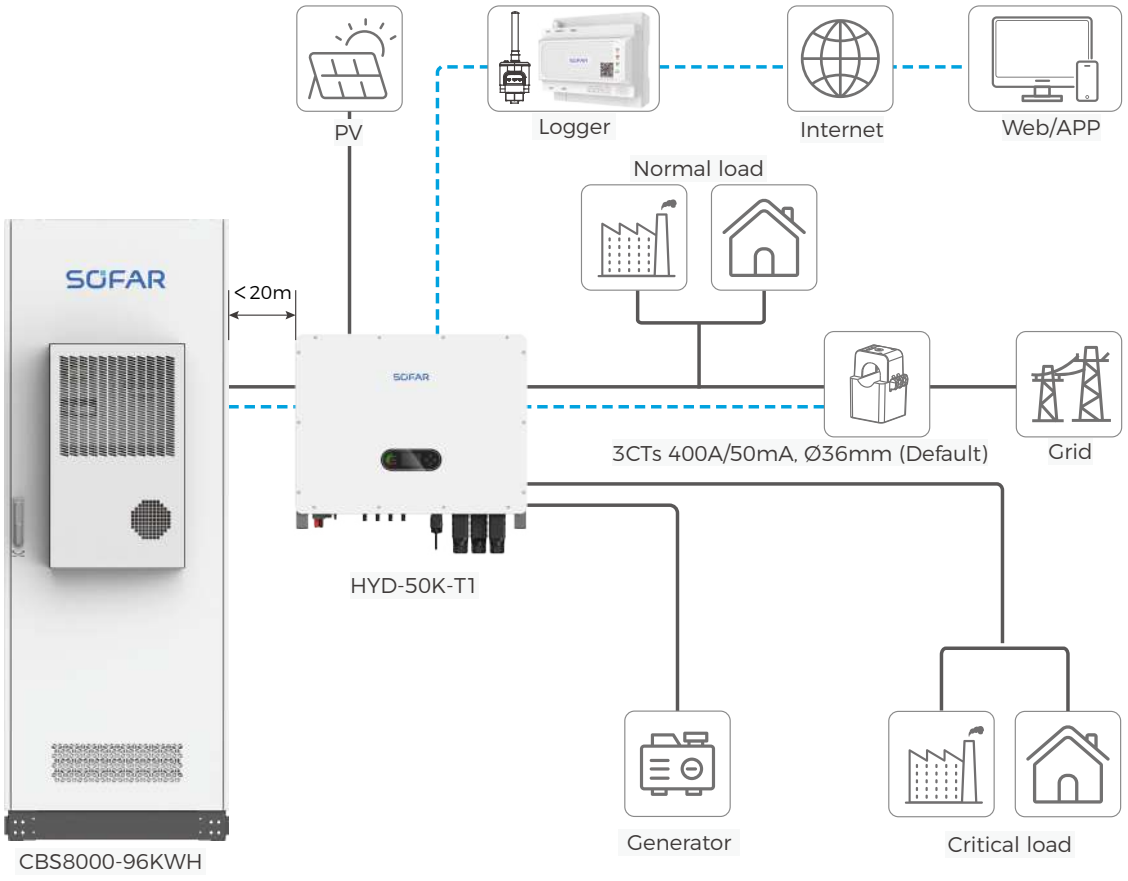
NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-50K-T1 (Supplied with 3 CTs as standard)	901030200062-0	1Pcs
2		Battery cabinet CBS8000-96KWH	902010300016-0	1Pcs
3		DTSU666 600A/40mA, Ø48.5mm with external 3*CT (Optional)	900020700021-0	1Pcs
4		Accessory kit_A (For wall-mounting the inverter on the cabinet)	900040100284-0	1Pcs
5		Accessory kit_E	900040100318-0	1Pcs

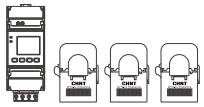
HYD-40-60K-T1 + CBS8000 Battery (50KW/96KWH)

System Installation method 2:

1. Inverter Wall-mounted on the wall.
2. Battery cabinet floor fixed with steel bracket.

(The distance between the inverter and the battery cabinet should be less than 20 meters.)



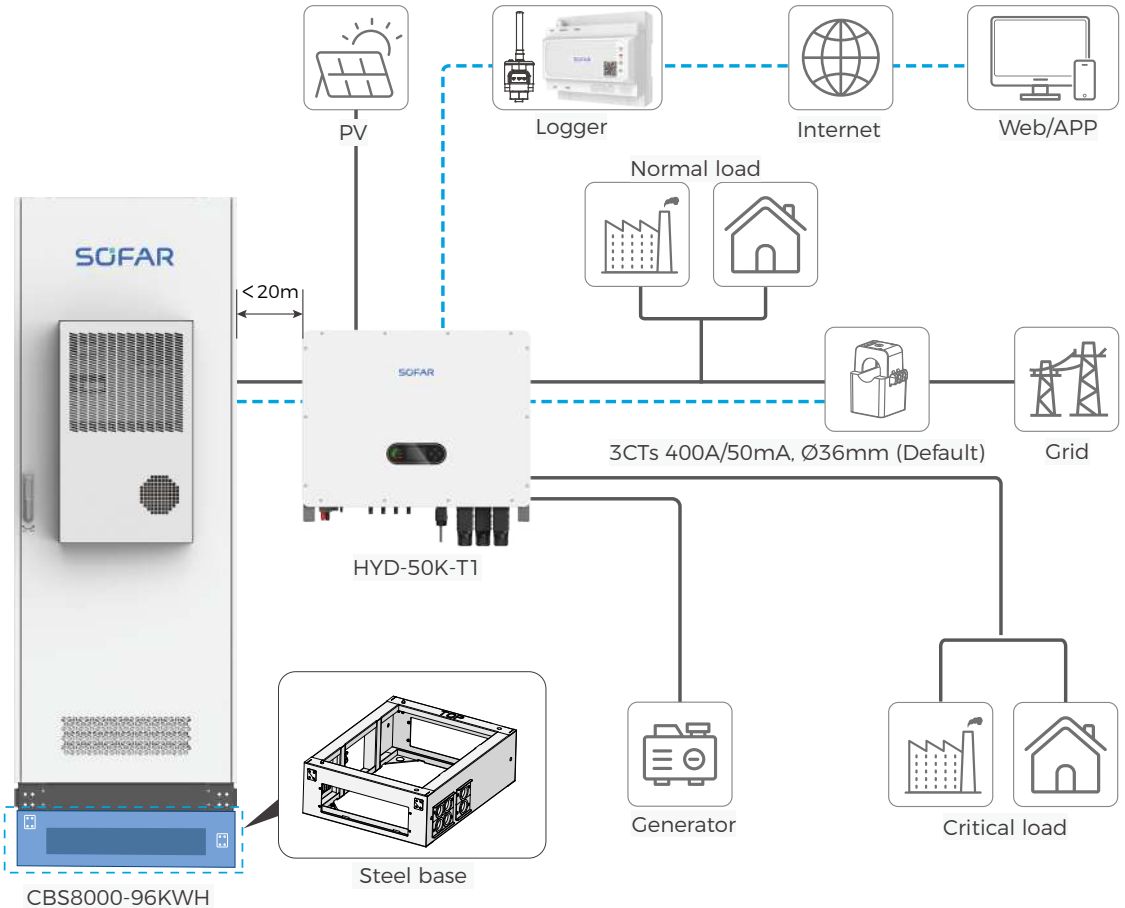
NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-50K-T1 (Supplied with 3 CTs as standard)	901030200062-0	1Pcs
2		Battery cabinet CBS8000-96KWH	902010300016-0	1Pcs
3		DTSU666 600A/40mA, Ø48.5mm with external 3*CT (Optional)	900020700021-0	1Pcs
4		Accessory kit_B (For wall-mounted inverter installation)	900040100285-0	1Pcs
5		Accessory kit_E	900040100318-0	1Pcs

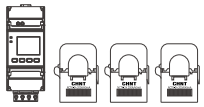
HYD-40-60K-T1 + CBS8000 Battery (50KW/96KWH) with steel base

System Installation method 3:

1. Inverter Wall-mounted on the wall.
2. Battery cabinet foor fxed with steel bracket.

(Inverter is install indoor, the distance between the inverter and the battery cabinet should be less than 20 meters.)



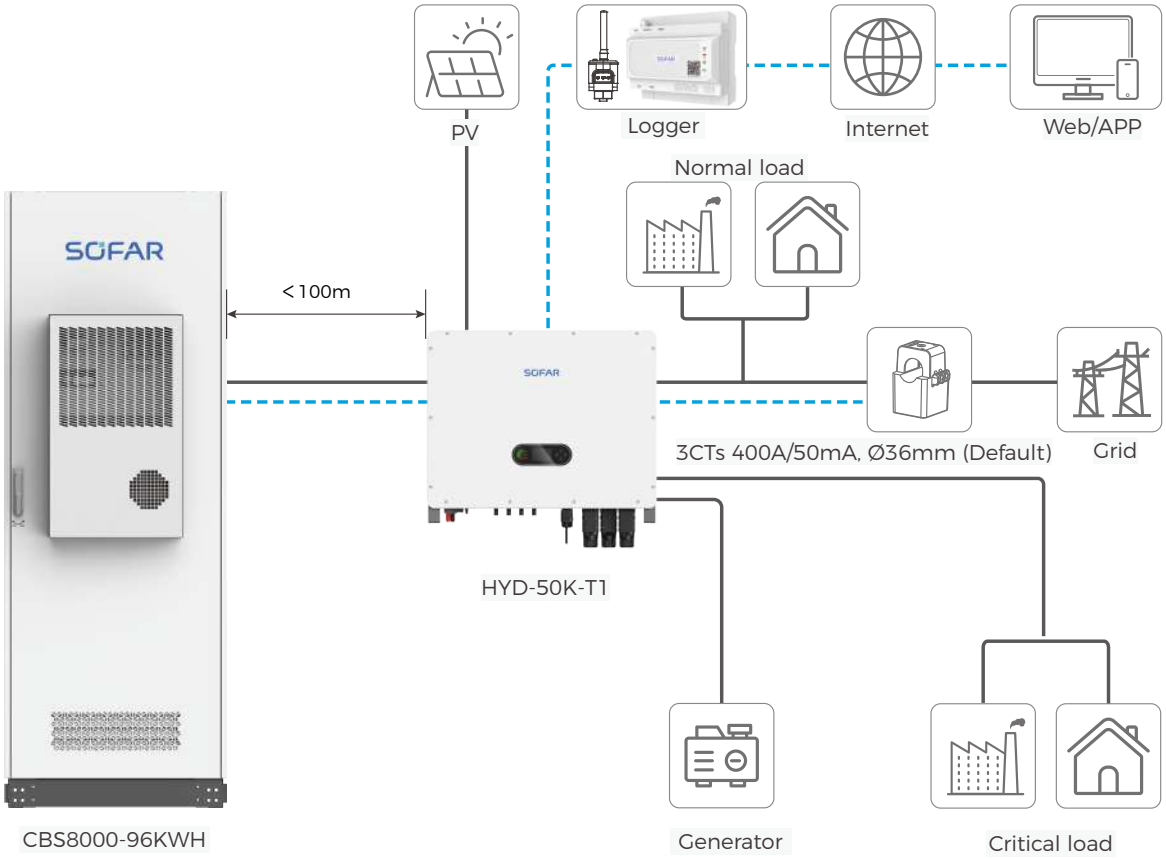
NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-50K-T1 (Supplied with 3 CTs as standard)	901030200062-0	1Pcs
2		Battery cabinet CBS8000-96KWH	902010300016-0	1Pcs
3		DTSU666 600A/40mA, Ø48.5mm with external 3*CT (Optional)	900020700021-0	1Pcs
4		Accessory kit_B (For wall-mounted inverter installation)	900040100285-0	1Pcs
5		Steel base D1 or D2	D1: 900040100289-0 D2: 900040100290-0	1Pcs

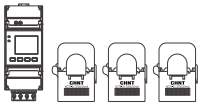
HYD-40-60K-T1 Installation method (50KW/96KWH)

System Installation method 4:

1. Inverter Wall-mounted on the wall.
2. Battery cabinet foor fxed with steel bracket.

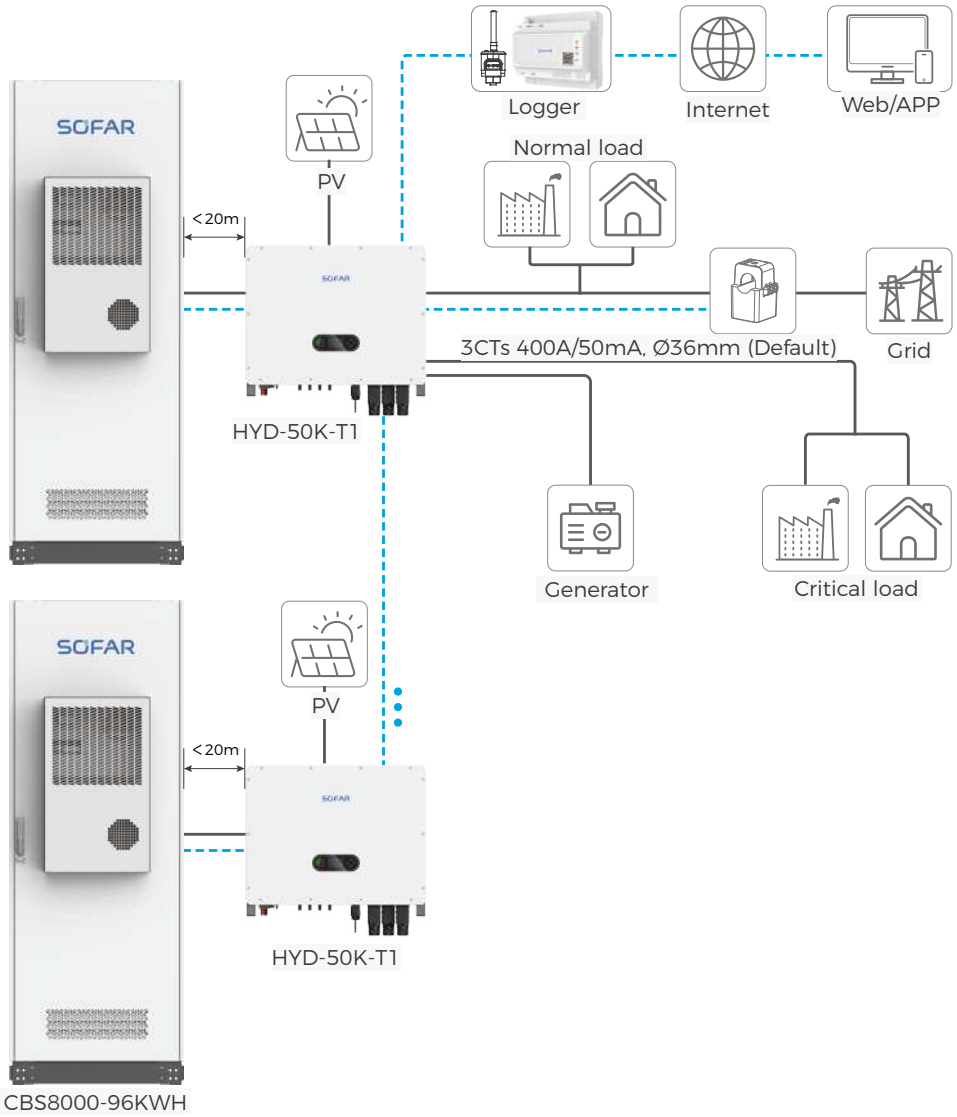
(The distance between the inverter and the battery cabinet should be less than 100 meters.)

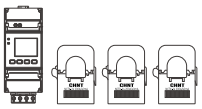


NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-50K-T1 (Supplied with 3 CTs as standard)	901030200062-0	1Pcs
2		Battery cabinet CBS8000-96KWH	902010300016-0	1Pcs
3		DTSU666 600A/40mA, Ø48.5mm with external 3*CT (Optional)	900020700021-0	1Pcs
4		Parallel accessory kit_C	900040100288-0	1Pcs
5		Accessory kit_E	900040100318-0	1Pcs

HYD-40-60K-T1 + CBS8000 Battery in parallel (100KW/192KWH)

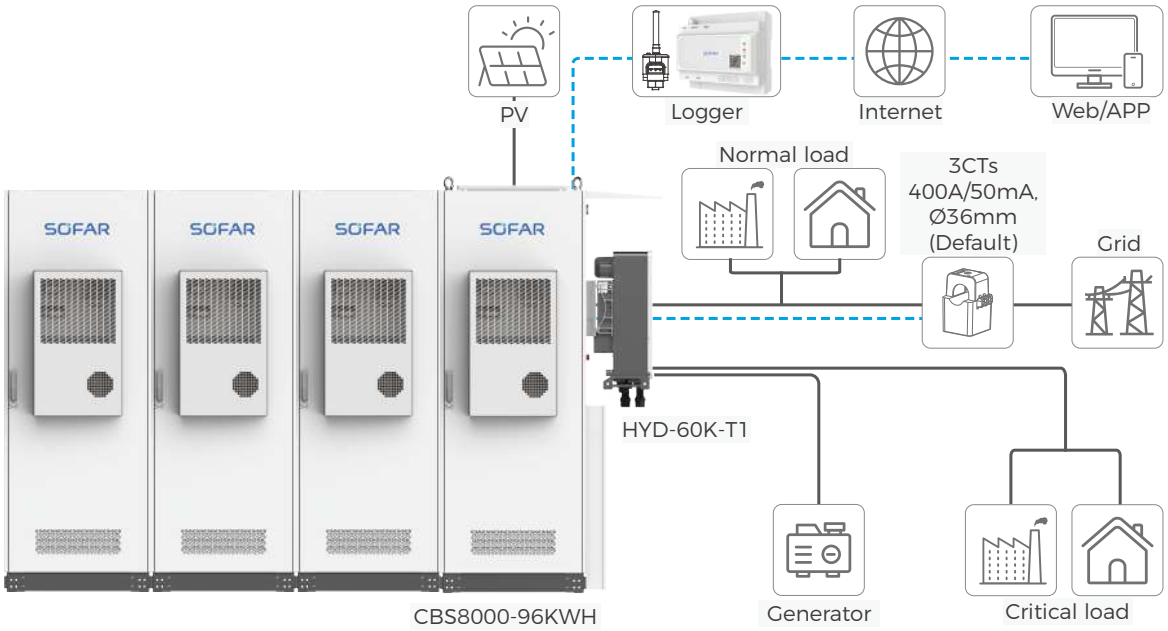
(The distance between the inverter and the battery cabinet should be less than 20 meters.)

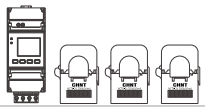


NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-50K-T1 (Supplied with 3 CTs as standard)	901030200062-0	2Pcs
2		Battery cabinet CBS8000-96KWH	902010300016-0	2Pcs
3		DTSU666 600A/40mA, Ø48.5mm with external 3*CT (Optional)	900020700021-0	1Pcs
4		Accessory kit_B (For wall-mounted inverter installation)	900040100285-0	2Pcs
5		Accessory kit_E	900040100318-0	2Pcs

HYD-40-60K-T1 + CBS8000 Battery in parallel (60KW/384KWH)

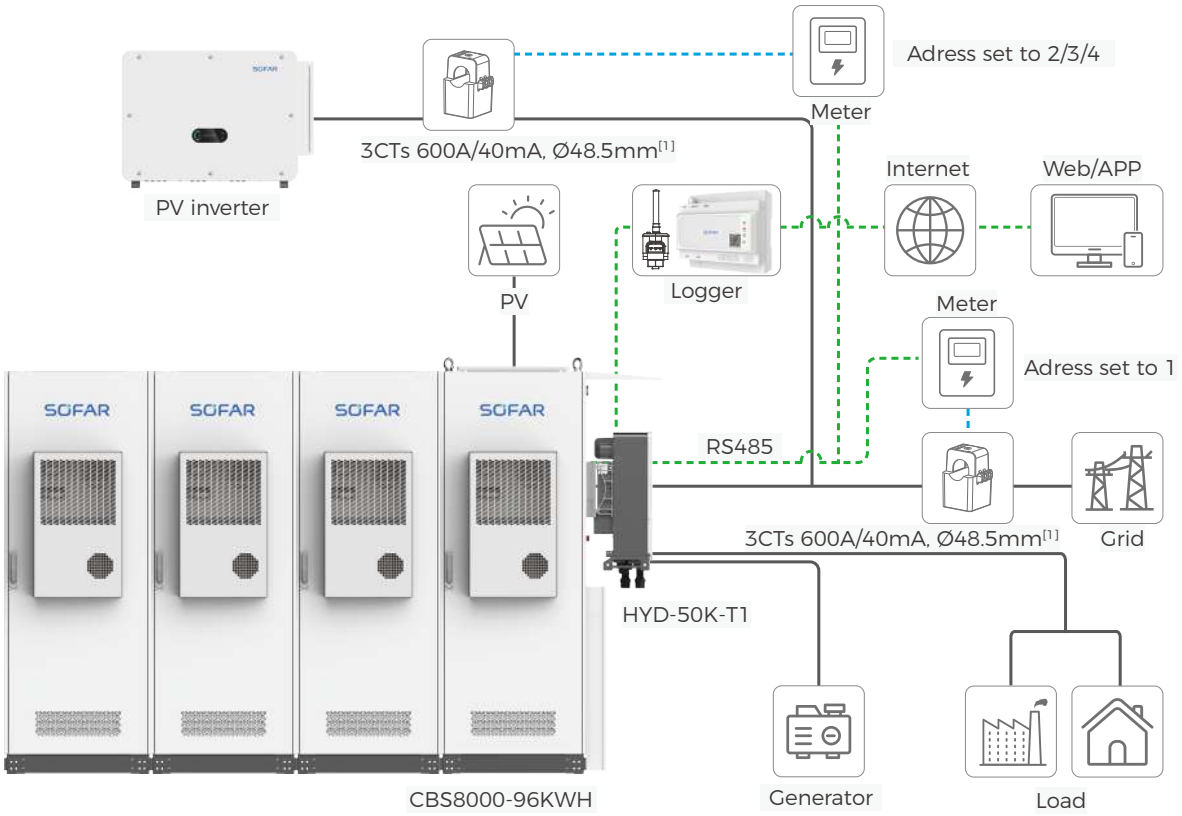
- The inverter is mounted on the cabinet.
- The battery cabinet can be connected in parallel up to 4 units.

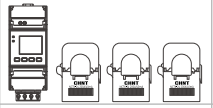


NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-60K-T1 (Supplied with 3 CTs as standard)	901030200063-0	1Pcs
2		Battery cabinet CBS8000-96KWH	902010300016-0	4Pcs
3		DTSU666 600A/40mA, Ø48.5mm with external 3*CT (Optional)	900020700021-0	1Pcs
4		Accessory kit_A (For wall-mounting the inverter on the cabinet)	900040100284-0	1Pcs
5		Accessory kit_D	900040100318-0	4Pcs
6		Parallel accessory kit _F	900040100256-0	3Pcs

HYD-40-60K-T1 + CBS8000 Battery in parallel (50KW/384KWH) +PV inverter

- The inverter is mounted on the cabinet.
- The battery cabinet can be connected in parallel up to 4 units.

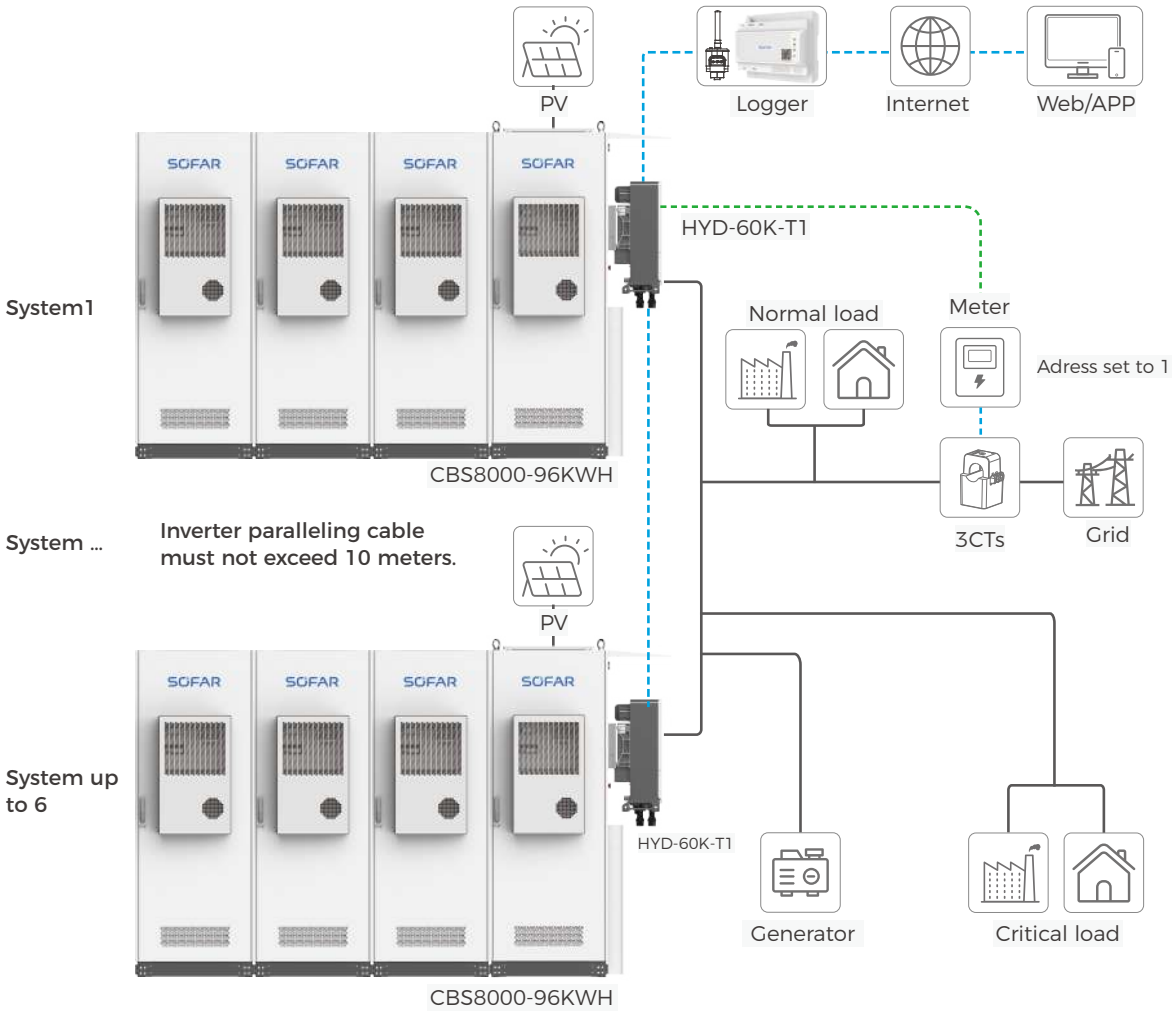


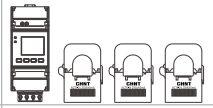
NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-50K-T1 (Supplied with 3 CTs as standard)	901030200062-0	1Pcs
2		Battery cabinet CBS8000-96KWH	902010300016-0	4Pcs
3		DTSU666 600A/40mA, Ø48.5mm with external 3*CT	900020700021-0	2Pcs
4		Accessory kit_A (For wall-mounting the inverter on the cabinet)	900040100284-0	1Pcs
5		Accessory kit_E	900040100318-0	4Pcs
6		Parallel accessory kit_F	900040100256-0	3Pcs

[1]: For PCC currents exceeding 400A, it is recommended to use a meter with CTs.
* Please note that the meter and CTs are not included as standard accessories and must be ordered separately.

HYD-40-60K-T1 + CBS8000 Battery in parallel (360KW/2304KWH)

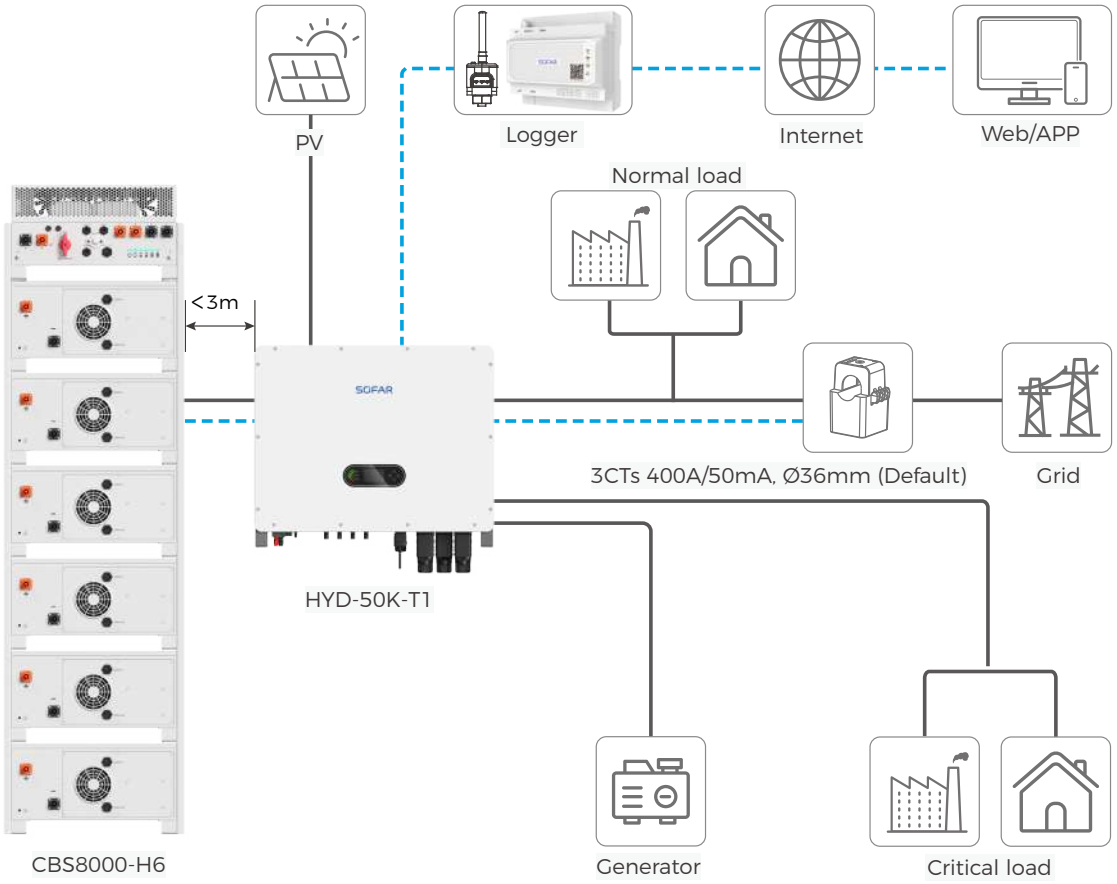
- The inverter is mounted on the cabinet.
- Max. 4 battery cabinets per inverter; max. 6 systems in parallel.

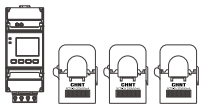


NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-60K-T1	901030200063-0	6Pcs
2		Battery cabinet CBS8000-96KWH	902010300016-0	24Pcs
3		DTSU666 600A/40mA, Ø48.5mm with external 3*CT	900020700021-0	1Pcs
4		Accessory kit_A (For wall-mounting the inverter on the cabinet)	900040100284-0	6Pcs
5		Accessory kit_E	900040100318-0	24Pcs
6		Parallel accessory kit_F	900040100256-0	18Pcs

HYD-40-60K-T1 + CBS8000-H6 (50KW/96kWh)

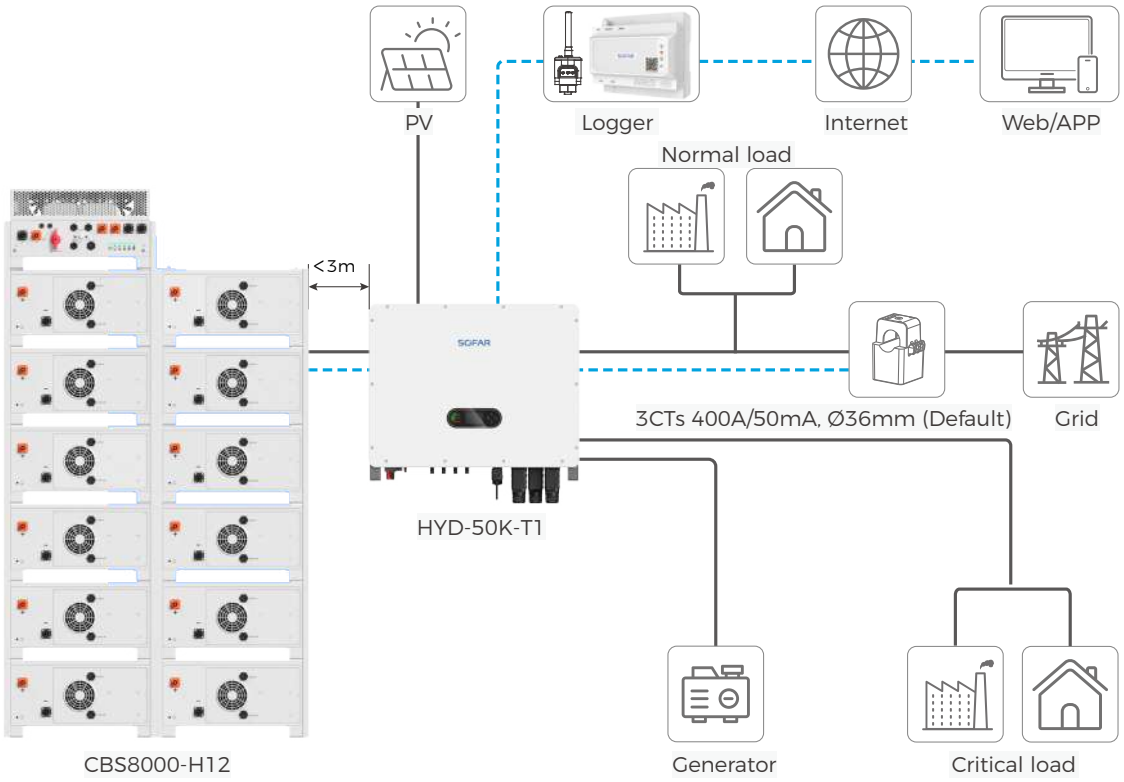
Number of CBS8000-BMU ≤6.

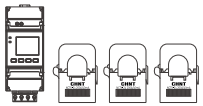


NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-50K-T1 (Supplied with 3 CTs as standard)	901030200062-0	1Pcs
2		CBS8000-BCU	900020300007-0	1Pcs
3		CBS8000-BMU	902010300015-0	6Pcs
4		DTSU666 600A/40mA, Ø48.5mm with external 3*CT (Optional)	900020700021-0	1Pcs

HYD-40-60K-T1+CBS8000-H12(50KW/192kWh)

6< Number of CBS8000-BMU ≤12.

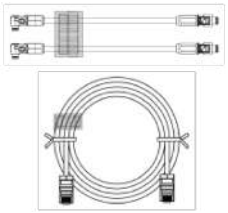
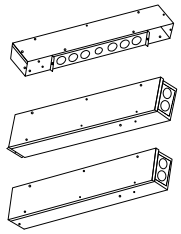
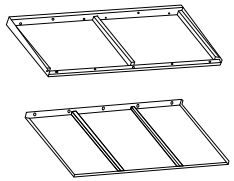
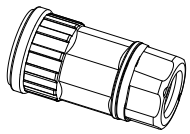
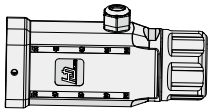
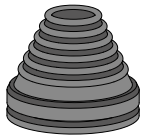
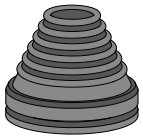
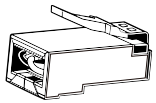
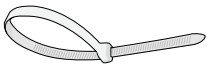
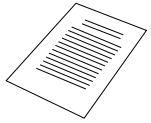


NO.	Product Image	Product Name	Material Code	Quantity Pcs
1		Hybrid inverter HYD-50K-T1 (Supplied with 3 CTs as standard)	901030200062-0	1Pcs
2		CBS8000-BCU	900020300007-0	1Pcs
3		CBS8000-BMU	902010300015-0	12Pcs
4		DTSU666 600A/40mA, Ø48.5mm with external 3*CT (Optional)	900020700021-0	1Pcs
5		Accessory Kit_G	900040100319-0	1Pcs

HYD-40-60K-T1 + CBS8000 Battery optional accessory kit

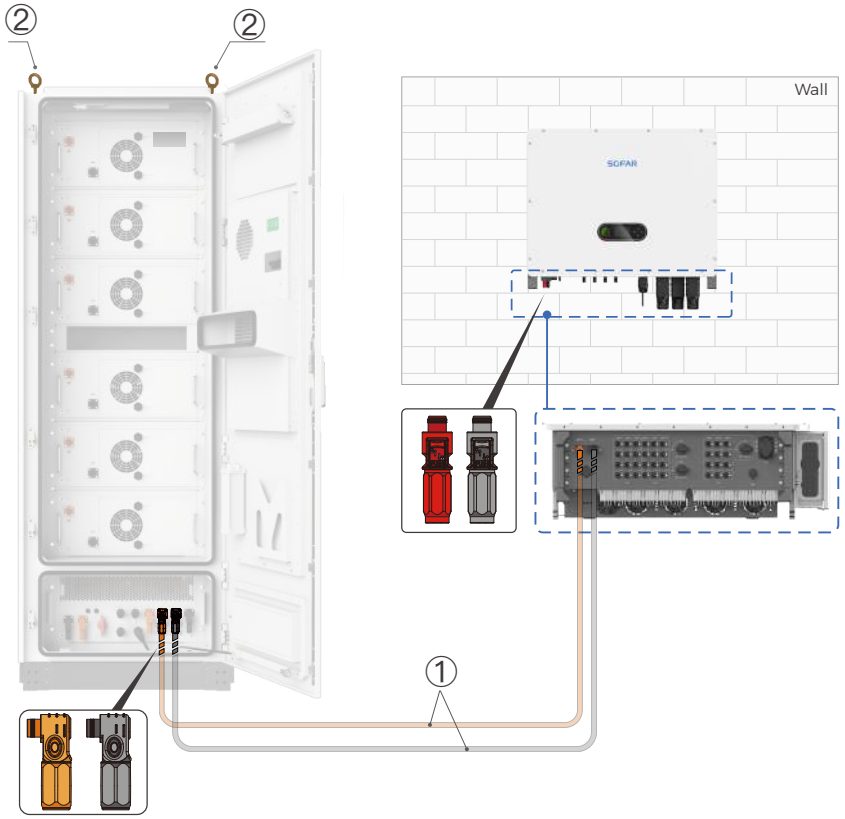
1. Accessory kit A: Inverter Wall-mounted on the cabinet.

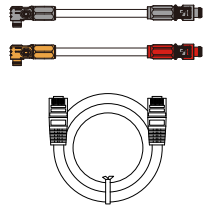
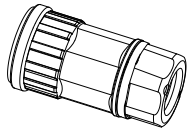
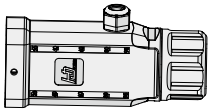
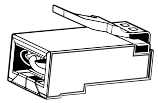
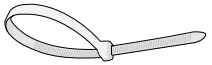
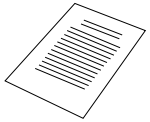


Accessory Kit A 900040100284-0				
 ① Power&Com cable 2.5m ×1	 ② Lifting ring ×4	 ③ Sunshade cover ×1	 ④ Cable protective cover ×1	 BCU waperproof connector ×3
 water proof cover ×1	 Tower-shaped protective coil 50mm ×8	 Tower-shaped protective coil 40mm ×2	 RJ45 resistor ×2	 Screws (M5×12) ×17
 Screws (M10×30) ×9	 Screws (M6×30) ×12	 screws (M4×12) ×26	 Fireproof mud ×1	 Cable ties ×45
 Packing List ×1	Emergency control line 250mm ×1	 Ground cable ×1	 Auxiliary cable ×1	 Magnetic ring ×2

Required quantity: 1 set

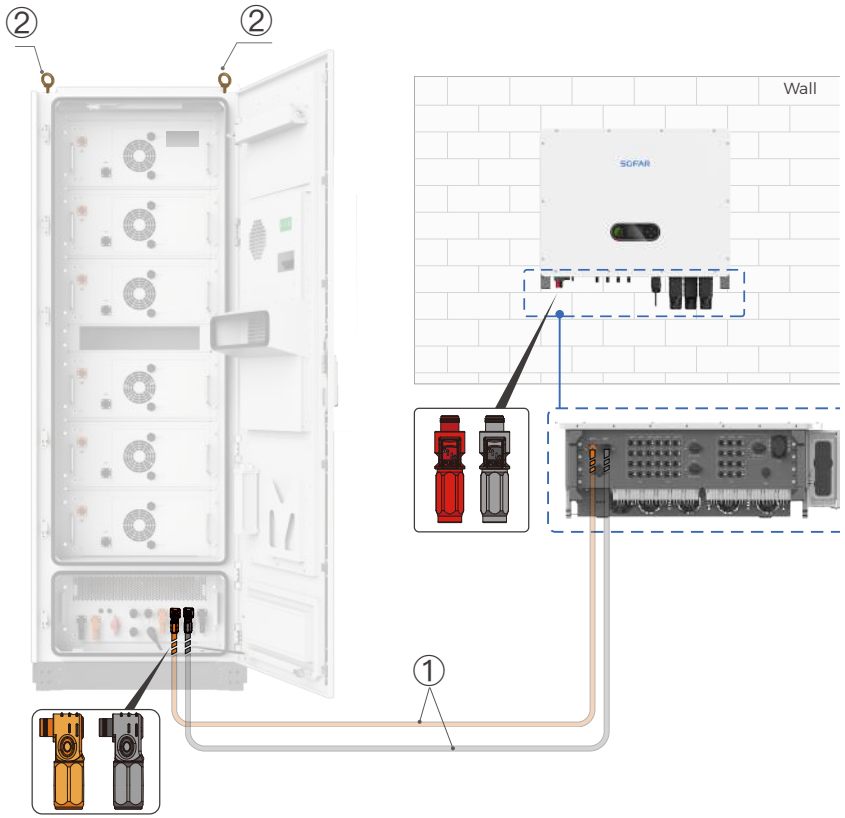
2. Accessory kit B: Inverter Wall-mounted on the wall (The distance between the inverter and the battery cabinet should be less than 20 meters).

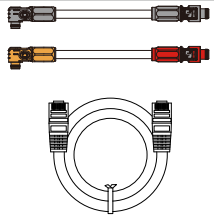
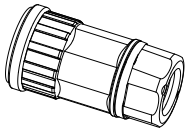
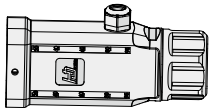
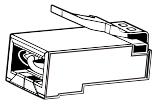
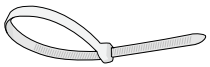
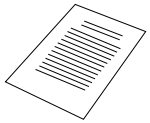


Accessory Kit B 900040100285-0			
 ① Power&Com cable 20m ×1	 ② Lifting ring ×4	 Auxiliary power and signal lines 20m ×1	 Fireproof mud ×1
 BCU waperproof connector ×3	 water proof cover ×1	 RJ45 resistor ×2	Parallel shorting cable ×1
 Ground cable 20m ×1	 Cable ties ×20	 Packing list ×1	/

Required quantity: 1 set

3. Accessory kit C: Inverter Wall-mounted on the wall (The distance between the inverter and the battery cabinet should be less than 100 meters).



Accessory Kit C 900040100288-0			
 ① Power&Com cable 100m ×1	 ② Lifting ring ×4	 Auxiliary power and signal lines 100m ×1	 Fireproof mud ×1
 BCU waterproof connector ×3	 water proof cover ×1	 RJ45 resistor ×2	 Parallel shorting cable ×1
 Ground cable 100m ×1	 Cable ties ×20	 Packing list ×1	/

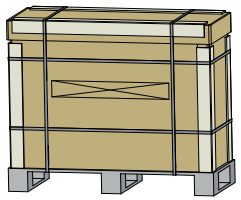
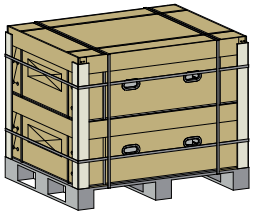
Required quantity: 1 set

Battery cabinet fixing method

1. Steel base fixed.

Vertical packaging (For a single order)
Flat packaging (For batch orders)



Accessory Kit D1 900040100289-0	Accessory Kit D2 900040100290-0
① **Steel base** (Vertical packaging)	① **Steel base** (Flat packaging)
② Fixing screws	② Fixing screws
Required quantity: 1 set	Required quantity: 1 set
	

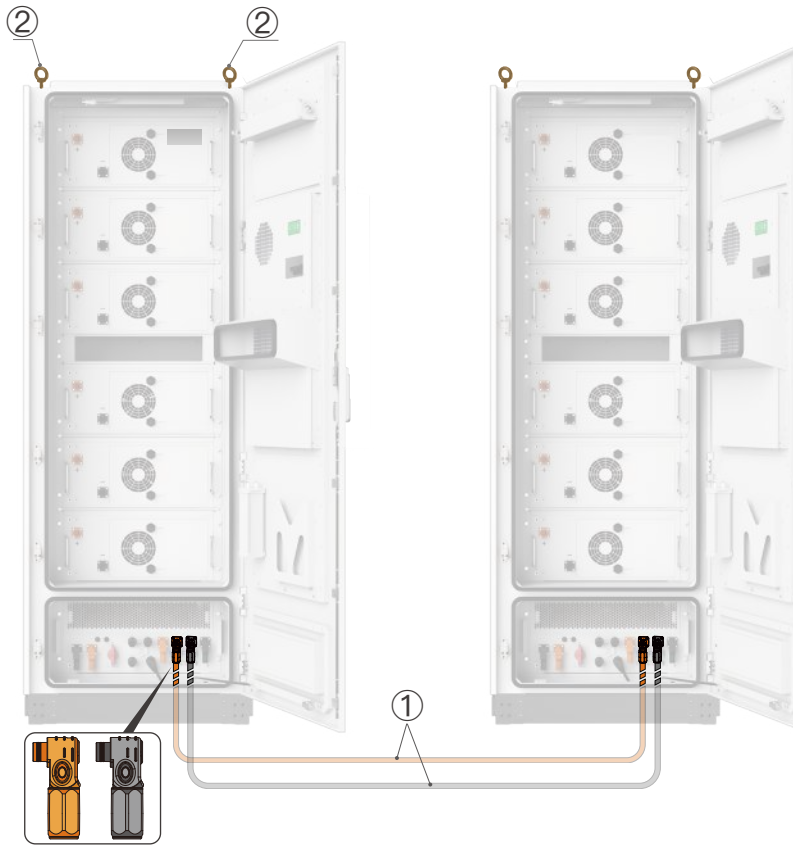
2. Floor-fixed.

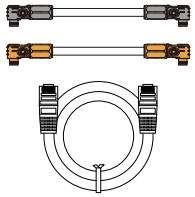
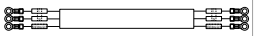
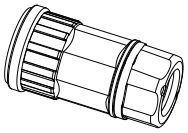
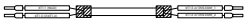
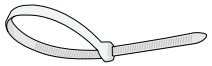
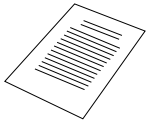
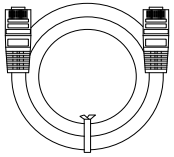


Accessory Kit E 900040100318-0
① Mounting bracket
② Fixing screws
Required quantity: 1 set

CBS5000-64-96KWH Battery cabinet parallel method

Parallel accessory kit F: For 2 CBS8000 cabinets in parallel.



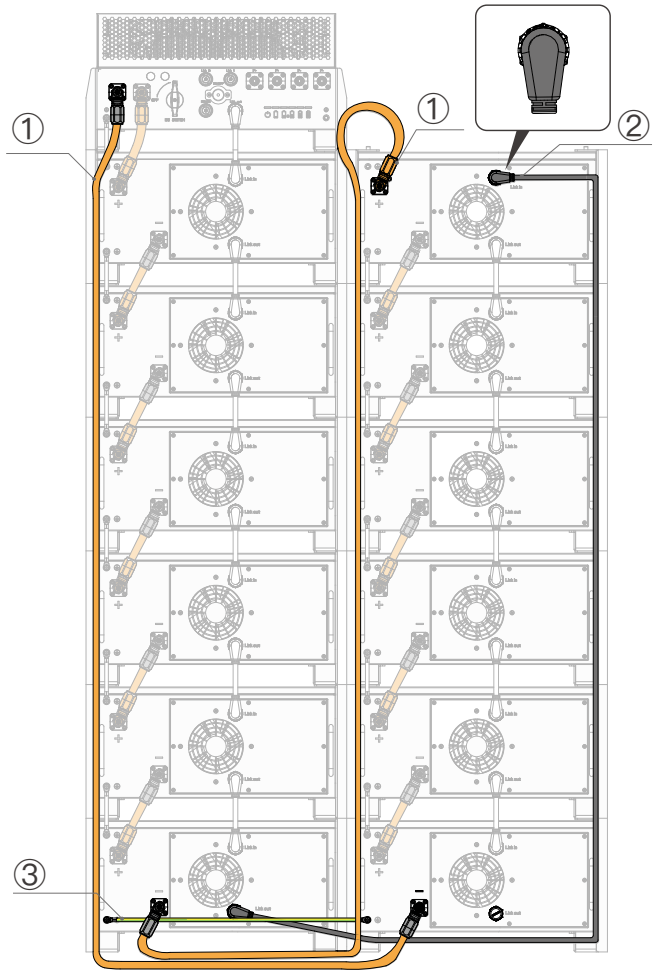
Accessory Kit F 900040100256-0			
 ① Power&Com cable 3m ×1	 ② Lifting ring ×4	 Auxiliary power line ×1	 Fireproof mud ×1
 BCU waterproof connector ×3	 Emergency control line 3800mm ×1	 Ground cable 3m ×1	 Cable ties ×20
 Packing list ×1	 Auxiliary cable ×1	/	

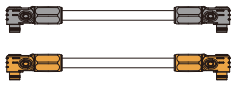
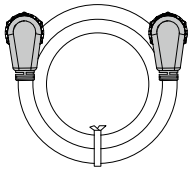
Required quantity: 1 set is required for each additional cluster based on the first cluster.

CBS8000-H4-H12 Parallel method

Accessory Kit G: Suitable for 1 × CBS8000-BCU with 2 × CBS8000-BMU battery clusters.

Indoor installation (without cabinet) scenario

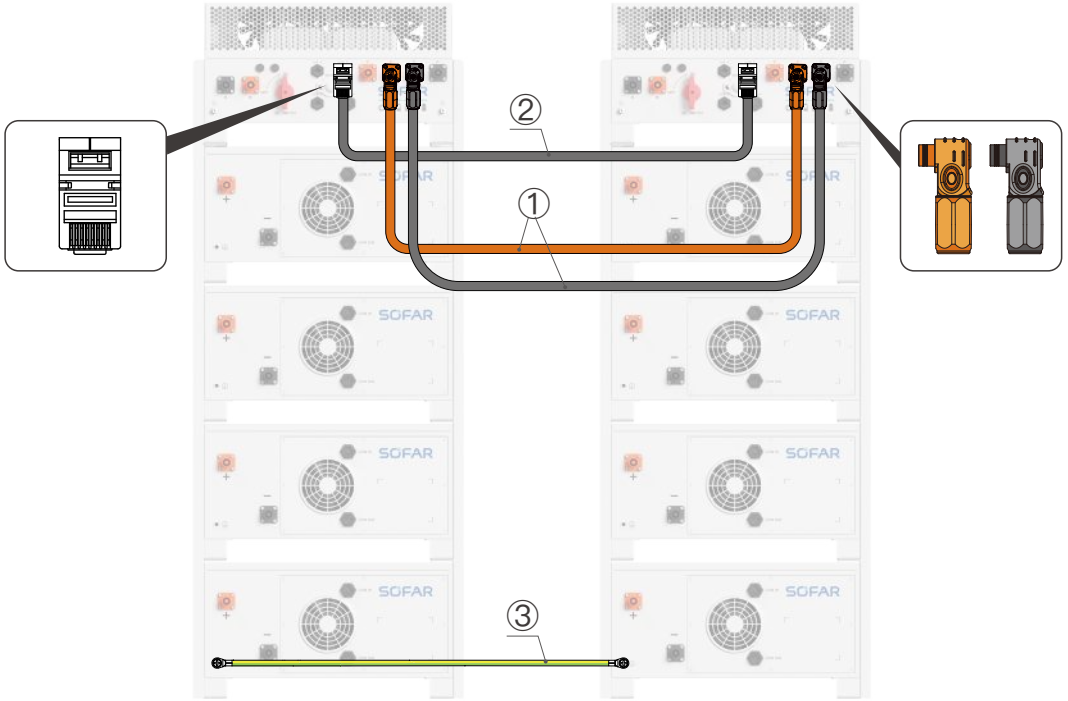


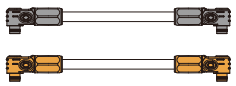
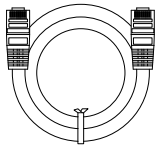
Accessory kit G 900040100319-0		
		
① Power cable 3m ×1	② Communication cable 3m ×1	③ Ground cable ×1

Required quantity: 1 Set for CBS8000-BCU with 2 CBS8000-BMU Clusters.

CBS8000-H4-H12 Parallel method

Parallel Accessory kit H: Parallel Accessory kit H.



Parallel Accessory kit H 900040100410-0		
		
① Power cable 3m ×1	② Communication cable 3m ×1	③ Ground cable ×1

Required quantity: 1 set is required for each addition CBS8000-H4-H12 based on the first Clusters.



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