

X-Hybrid G4 D/M

version

distinction introduction

EU ZONE 1

	D version	M version
Product Image		
Applicable scene 1	1. Office areas, where data storage is important. 2. To protect the electrical appliances whose sudden power failure causes damage. Reason: With UPS switching function, the off-grid switching time is less than 20mS, and it can switch off-grid operation without interruption, meaning that electrical appliances will not be powered off.	Household use. Integrated installation, beautiful, no external wiring, and the installation area is small, installation in the house saves space, neat and fresh.
Applicable scene 2		Suitable for the areas where the local installer’s labor costs are high, because installtion for this version is easier and faster.
Applicable scene 3		Full loads needed for most time. The full load function allows you to use all electrical appliances in your home at will in the event of a power outage.

Installation method

Separate:



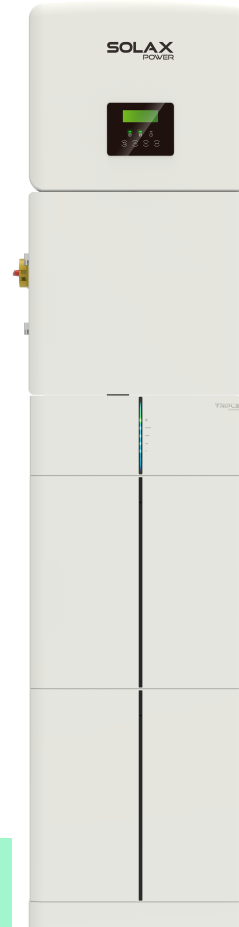
D version



Integrated :



M version



In this solution, the Matebox contains all the accessories of the inverter system, including DC and BAT switch, CT and RCD, assembles all accessories and cables in advance, omitting complicated installation steps and saving time and money.

All wirings are operated inside the box and cabinet, and the appearance of the entire system will be clean and tidy.

X1-MATEBOX

One Matebox contains:

DPDT
Devices

CT

Circuit
Breaker

RCD

DC switch



Model distinction

D version

X1-Hybrid-3.0-D	X1-Hybrid-3.7-D
X1-Hybrid-5.0-D	X1-Hybrid-6.0-D
X1-Hybrid-7.5-D	

M version

X1-Hybrid-3.0-M	X1-Hybrid-3.7-M
X1-Hybrid-5.0-M	X1-Hybrid-6.0-M
X1-Hybrid-7.5-M	

- 1、 According to power:
3.0kW、 3.7kW、 5.0kW、 6.0kW、 7.5kW;
- 2、 According to DC Switch:
D: Built-in DC Switch, M: External DC Switch;
- 3、 According to full load function during off-grid:
D: Without Matebox (back up loads);
M: With Matebox (all loads);

Full load function

D version

Diagram A: Neutral line and PE line are separated from each other, and the common load is connected to the off-grid port;(For most countries)

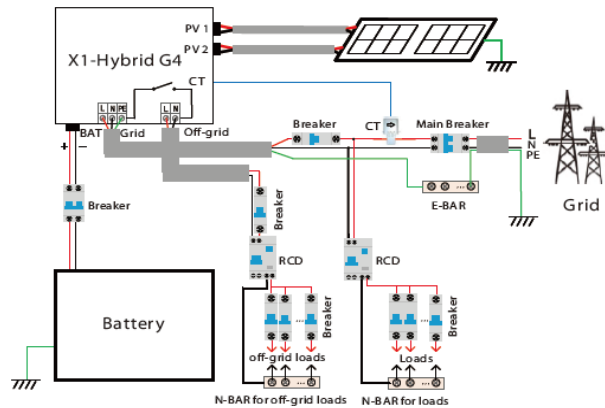
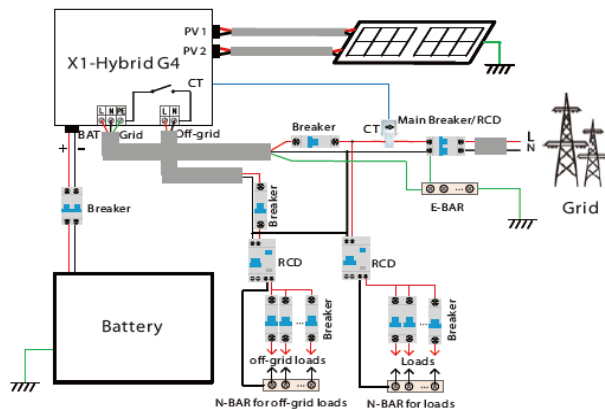


Diagram C: Neutral line and PE line are combined together, and the common load is connected to the off-grid port;(Apply to Australia)



M version

Diagram B: Neutral line and PE line are separated from each other, all loads connect to the Off-grid port;(For most countries)

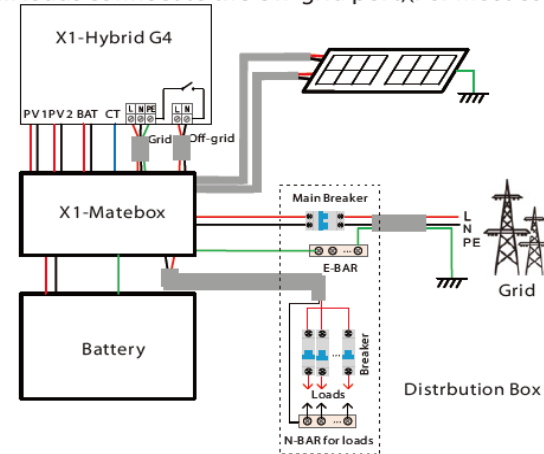
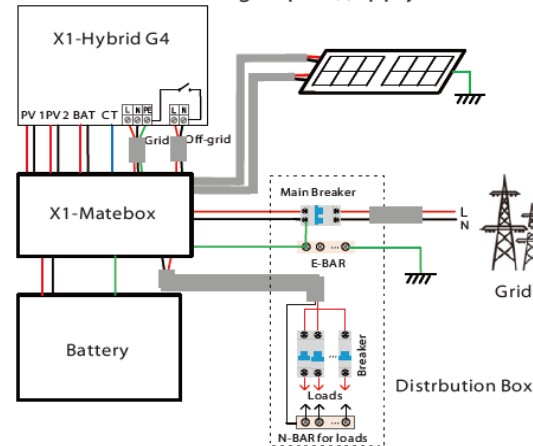


Diagram D: Neutral line and PE line are combined together, all loads connect to the Off-grid port;(Apply to Australia)



Full load function advantage:
In the event of power failure, the emergency power supply can be used for all loads in the house. When installing D version, we need to be divide loads into common and back up loads.

Accessories distinction

D version

Optional accessories

Meter: Solax Single-phase electric meter;

Monitoring: Pocket WiFi Plus, Pocket LAN, Pocket 4G

Standard accessories

Instrument sensor: CT (inside the inverter);

M version

Optional accessories

Meter: Solax Single-phase electric meter;

Standard accessories

Monitoring: Pocket WiFi Plus;

Instrument sensor: CT (Included in Matebox);

Annex distinction

D version



Expansion bolt/screw/washer*3, European terminal*1, waterproof RJ45 plug*3, manual/quick installation guide*1, PV connection terminal*2 pairs, PV pin terminal*4, battery connection terminal*1 pair, communication R type terminal *1

M version



Expansion bolt/screw/washer*3, European terminal*1, communication waterproof RJ45 crystal plug*2, manual/quick installation guide*1

SOLAX POWER
X1 HYBRID INVERTER

☐ **X1-HYBRID G4**
☐ **X1-FIT G4**

SOLAX POWER INVERTER
X1 HYBRID INVERTER

- High Performance
- User-friendly
- High Quality/Smartness

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SOLAX POWER
X1 HYBRID INVERTER

☒ **X1-HYBRID G4**
☐ **X1-FIT G4**

6000

SOLAX POWER INVERTER
X1 HYBRID INVERTER

☒ **X1-HYBRID G4**
☐ **X1-FIT G4**

X1-Hybrid G4	
☐ 3.0	☐ 3.7
☐ 5.0	☐ 6.0
☐ 7.5	☐ 10.0
Dimension (mm)	
Case Weight (kg)	20
Net Weight (kg)	22

1 carton difference

D version

X1-Hybrid G4		SN:  H1602DGC001001		
☐ 3.0	☐ 3.7	☐ 5.0	☒ 6.0	☐ 7.5
☒ D	☐ M			
Dimension [mm]: 590x530x315				
Gross Weight [kg]:		☐ 28	☒ 27	
Net Weight [kg]:		☐ 23	☐ 22	

In version D, the carton will be marked with “√” as D, and the fifth digit of the SN is "D".

M version

X1-Hybrid G4		SN:  H1602MGC001001		
☐ 3.0	☐ 3.7	☐ 5.0	☒ 6.0	☐ 7.5
☐ D	☒ M			
Dimension [mm]: 590x530x315				
Gross Weight [kg]:		☐ 28	☒ 27	
Net Weight [kg]:		☐ 23	☐ 22	

In the M version, M will be marked with a “√” on the carton, and the fifth digit of the SN is "M".

2 carton difference

D version

SOLAX
POWER
X1 HYBRID INVERTER



☒ **X1-HYBRID G4**

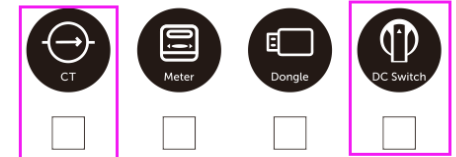
☐ **X1-FIT G4**

6000

D version has DC switch, CT is standard.

M version

SOLAX
POWER
X1 HYBRID INVERTER



☒ **X1-HYBRID G4**

☐ **X1-FIT G4**

6000

M version DC switch is on the Matebox, the CT is contained in the Matebox.

	D version	M G1 version	M G2 version
Product Image			
Applicable scene 1	1. Office areas, where data storage is important. 2. To protect the electrical appliances whose sudden power failure causes damage. Reason: With UPS switching function, the off-grid switching time is less than 20mS, and it can switch off-grid operation without interruption, meaning that electrical appliances will not be powered off.		Household use. Integrated installation, beautiful, no external wiring, and the installation area is small, installation in the house saves space, neat and fresh.
Applicable scene 2		Suitable for the areas where the local installer's labor costs are high, because installtion for this version is easier and faster.	
Applicable scene 3			Full loads needed for most time. The full load function allows you to use all electrical appliances in your home at will in the event of a power outage.

Installation method

Split:



D version

Integrated :



M G1 version

M G2 version

Thanks to the pre-wired solution, Mate Box will assemble all accessories and cables in advance, omitting complicated installation steps and saving time and money.

X3-MATEBOX G1

One Matebox contains:

Circuit
Breaker

RCD

DC switch



X3-MATEBOX G2

One Matebox contains:

DPDT
Devices

Meter

Circuit
Breaker

RCD

DC switch



Model distinction

D version

X3-Hybrid-5.0-D	X3-Hybrid-6.0-D
X3-Hybrid-8.0-D	X3-Hybrid-10.0-D
X3-Hybrid-12.0-D	X3-Hybrid-15.0-D

M version

X3-Hybrid-5.0-M	X3-Hybrid-6.0-M
X3-Hybrid-8.0-M	X3-Hybrid-10.0-M
X3-Hybrid-12.0-M	X3-Hybrid-15.0-M

1、 Divided according to power:

5.0kW、 6.0kW、 8.0kW、 10.0kW、 12.0kW、 15.0kW;

2、 Divided according to DC Switch:

D: Built-in DC Switch, M: External DC Switch;

3、 According to whether it can be divided into full load function:

D: Without Matebox (Emergency power supply load off-grid use);

M: With Matebox G1 (Integrated wiring); With Matebox G2 (All loads are used off-grid);

Full load function

D version

Diagram A: N line and PE line separate wiring, D series inverter;
(For most countries)

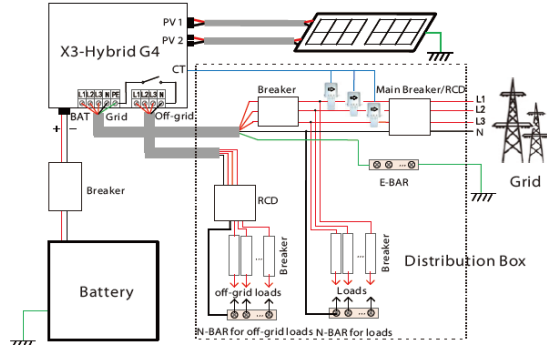
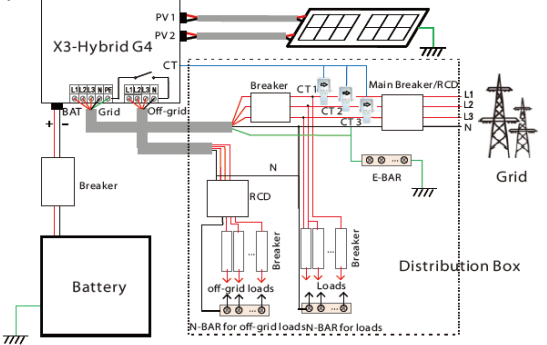


Diagram C: N line and PE line together, D series inverter;
(Applicable to Australia)



M G1 version

Diagram B: N line and PE line separate wiring, M series inverter;
(For most countries)

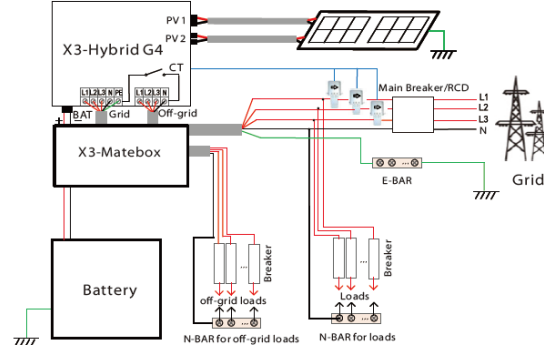
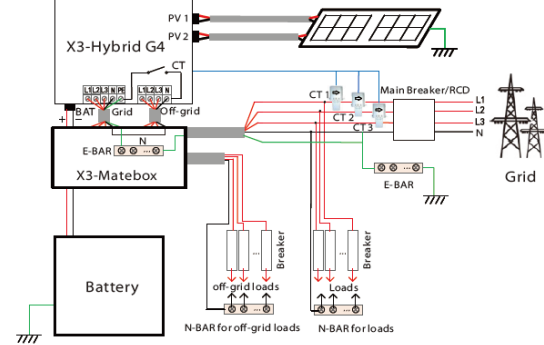


Diagram D: N line and PE line together, M series inverter;
(Applicable to Australia)



M G2 version

Diagram A: N line and PE line separate wiring, M series inverters;
(For most countries)

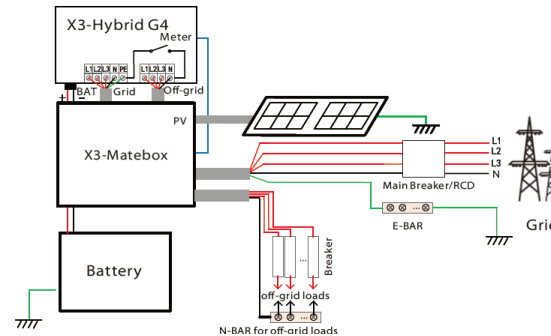
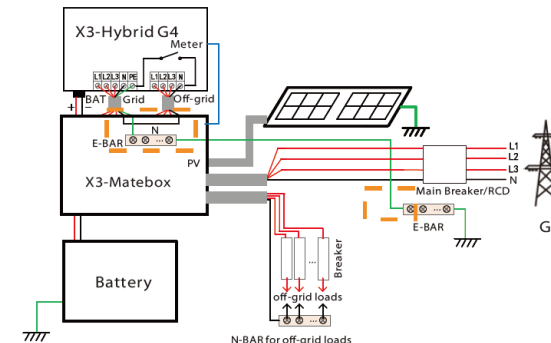


Diagram B: N line and PE line together, M series inverters;
(Applicable to Australia)



D version does **not have** full load function

M version **has** full load function

Full load function advantage:
In the event of a power failure, the emergency power supply of the inverter can be used for all loads in the house. When installing the D version, it needs to be divided into common load and ordinary load. When the power fails, the emergency power load can enjoy the uninterrupted power supply.

Meter/CT

		D	M basic	M high-end	remark
Standard	Meter	X	X	✓	Three phase meter is included in the high-end matebox
Optional	Battery	✓	✓	✓	Battery: T30, 2-4 batteries T58, 2-4 batteries
	Monitoring	✓	✓	✓	Monitoring: Pocket WiFi Plus, Pocket LAN, Pocket 4G. M basic can only use Pocket WiFi Plus
	CT	✓	✓	✓	Solax CT
	Meter	✓	✓	X	Solax three-phase meter

Annex distinction

D version



Expansion bolt/screw/washer*3, European terminal*1, waterproof RJ45 plug*3, manual/quick installation guide*1, PV connection terminal*2 pairs, PV pin terminal*4, battery connection terminal*1 pair, communication R type terminal *1

M version



Expansion bolt/screw/washer*3, European terminal*1, communication waterproof RJ45 crystal plug*2, manual/quick installation guide*1

D/M use the same packaging carton

 ☐ X3-HYBRID G4 ☐ X3-FIT G4 8000	  ☒ X3-HYBRID G4 ☐ X3-FIT G4 8000	  ☒ X3-HYBRID G4 ☐ X3-FIT G4 8000	 • High Performance • User-friendly • High Quality/Smartness ☐ X3-HYBRID G4 ☐ X3-FIT G4

1 carton difference

D version

X3-Hybrid G4		SN:  H4802DGC001001	
☐ 5.0	☒ 8.0	☐ 12.0	☒ D
☐ 6.0	☐ 10.0	☐ 15.0	☐ M
Dimension [mm]: 560×625×322			
Gross Weight [kg]: 34			
Net Weight [kg]: 30			

In version D, the carton will be marked with "√" as D, and the fifth digit of the SN number is "D".

M version

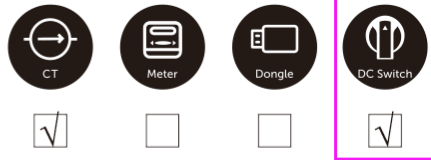
X3-Hybrid G4		SN:  H4802MGC001001	
☐ 5.0	☒ 8.0	☐ 12.0	☐ D
☐ 6.0	☐ 10.0	☐ 15.0	☒ M
Dimension [mm]: 560×625×322			
Gross Weight [kg]: 34			
Net Weight [kg]: 30			

In the M version, M will be marked with a "√" on the carton, and the fifth digit of the SN number will be "M".

2 carton difference

D version

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X3 HYBRID INVERTER



☒ **X3-HYBRID G4**

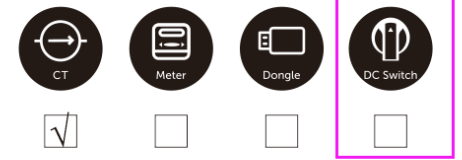
☐ **X3-FIT G4**

8000

D version has DC switch

M version

SOLAX
POWER
X3 HYBRID INVERTER



☒ **X3-HYBRID G4**

☐ **X3-FIT G4**

8000

In the M version, the DC switch is externally mounted on the matebox.

Thank you!