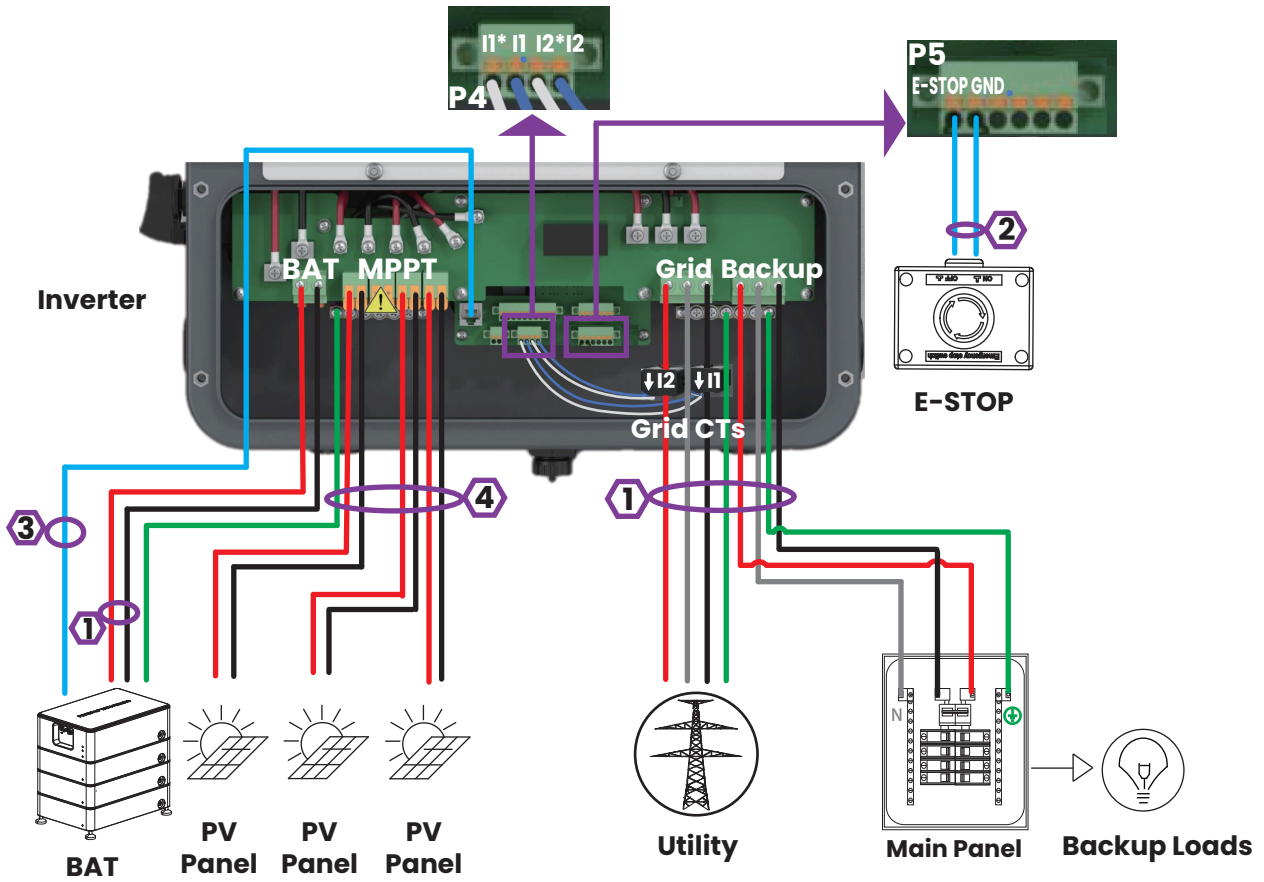


Fox ESS Three-line Diagram

Whole-home Backup (DC Couple)



⚠ Note

* If there are ≤ 3 PV strings, 3 PV strings are preferentially connected to terminals 1A+, 1A-, 2+, 2-, 3+, 3-.

* If there are 4 PV strings, the number of PV panels connected to terminals 1A+, 1A- need to be the same as that connected to terminals 1B+, 1B-.

Key

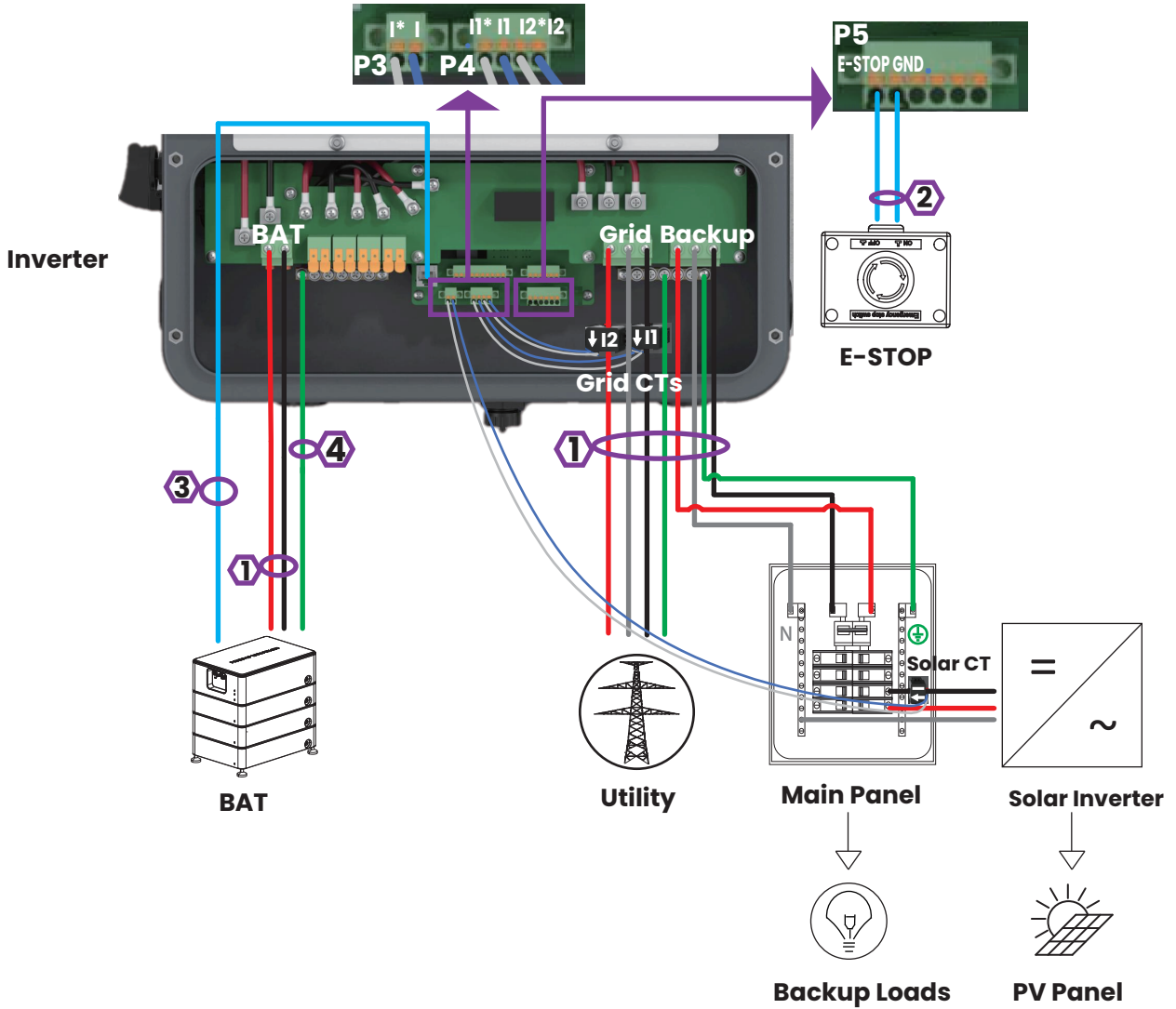
- L1/Negative
- L2/Positive
- Ground
- Neutral

Other Colors: Sensors/Communications

Wire Gauge Guide(copper)		
Label	Input Terminal	Conductor
1	BAT/AC IN/OUT/N/GND	6 AWG
2	Signal Cable	24-16 AWG
3	Communication Cable	Ethernet Cable
4	MPPT/GND	10 AWG

Fox ESS Three-line Diagram

Whole-home Backup (AC Couple)

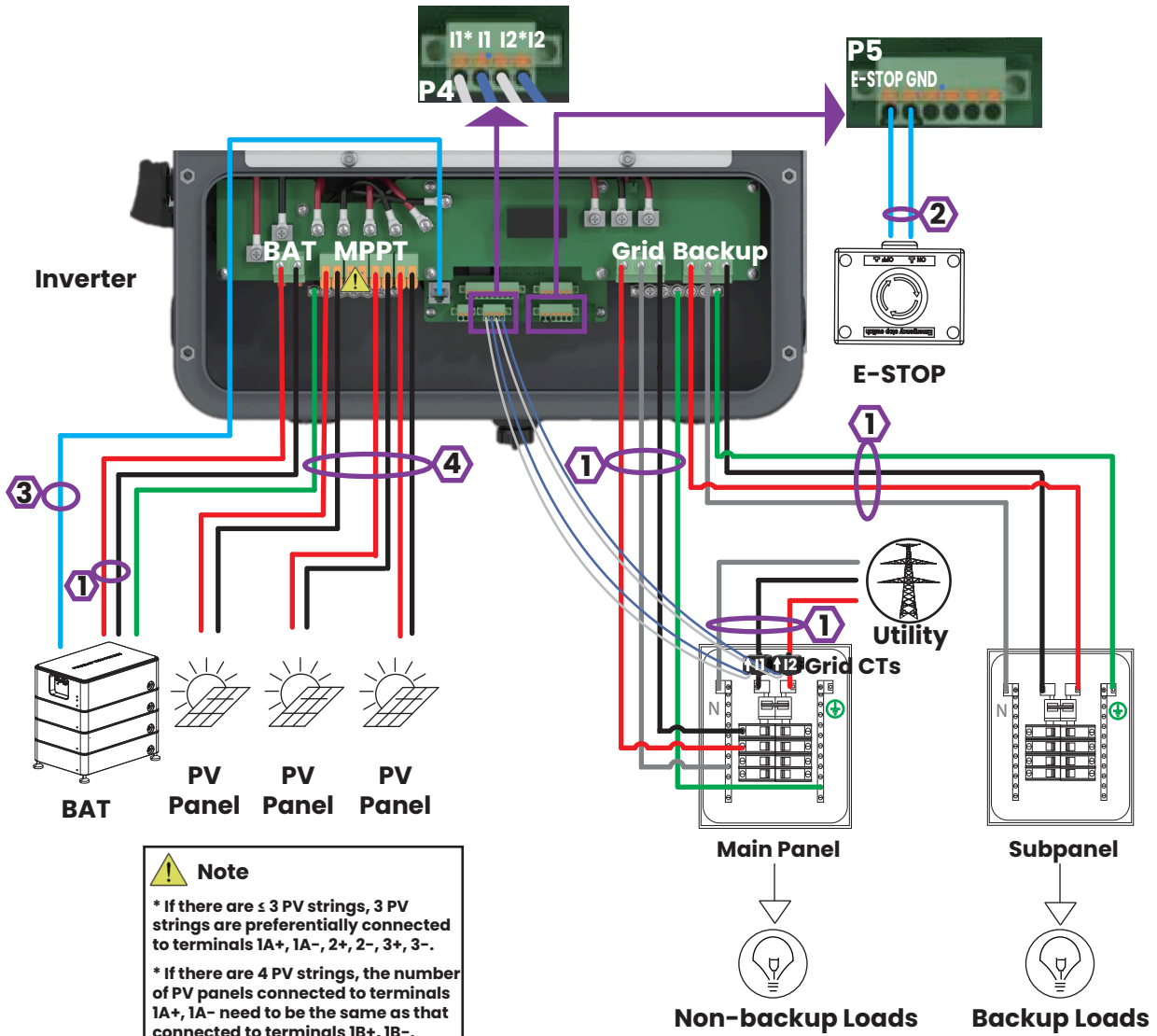


Key	
●	L1/Negative
●	L2/Positive
●	Ground
●	Neutral
Other Colors: Sensors/Communications	

Wire Gauge Guide (copper)		
Label	Input Terminal	Conductor
1	BAT/AC IN/OUT/N/GND	6 AWG
2	Signal Cable	24-16 AWG
3	Communication Cable	Ethernet Cable
4	GND	10 AWG

Fox ESS Three-line Diagram

Partial-home Backup (DC Couple)

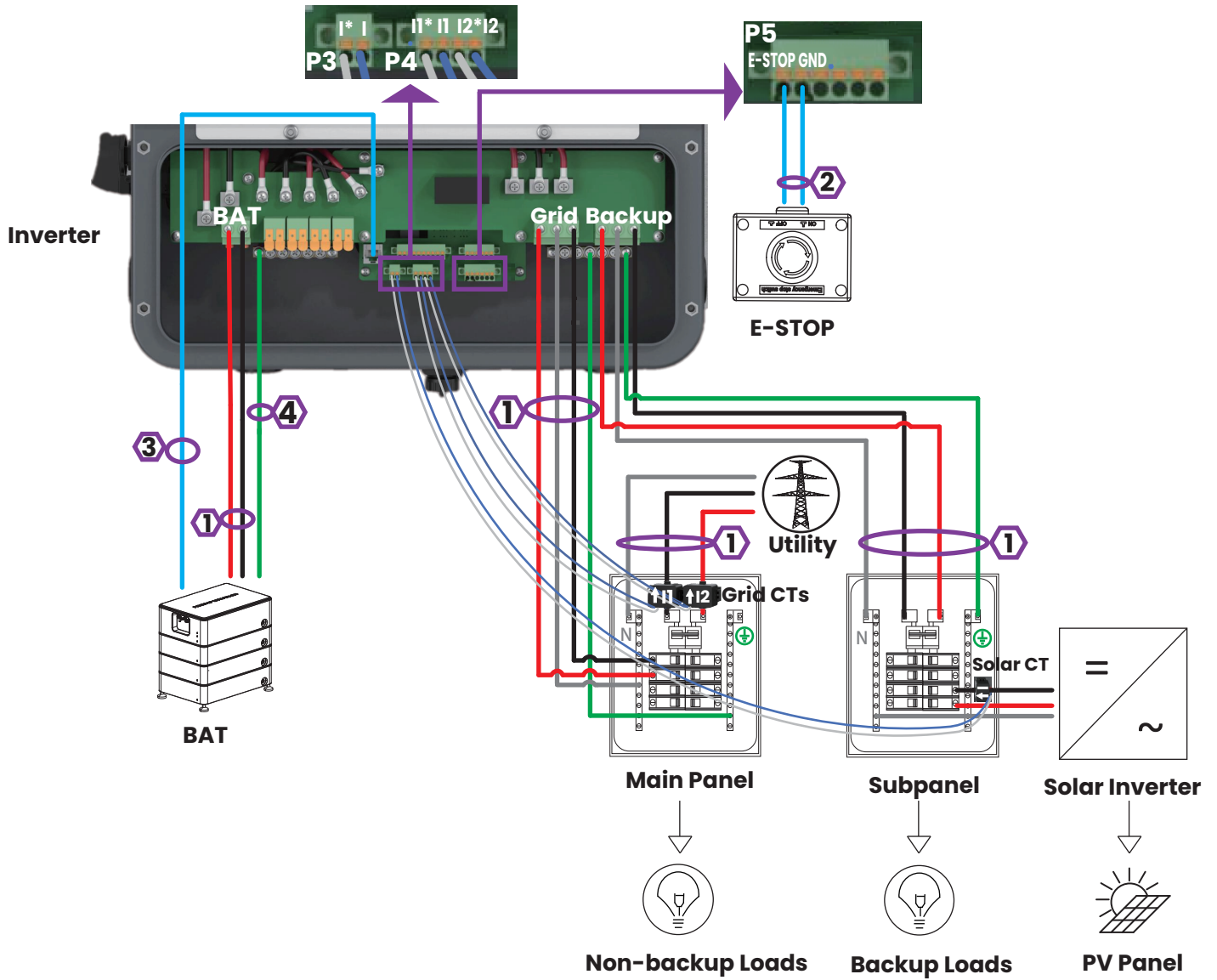


Key	
●	L1/Negative
●	L2/Positive
●	Ground
●	Neutral
●	Other Colors: Sensors/Communications

Wire Gauge Guide (copper)		
Label	Input Terminal	Conductor
1	BAT/AC IN/OUT/N/GND	6 AWG
2	Signal Cable	24-16 AWG
3	Communication Cable	Ethernet Cable
4	MPPT/GND	10 AWG

Fox ESS Three-line Diagram

Partial-home Backup (AC Couple)



Key	
●	L1/Negative
●	L2/Positive
●	Ground
●	Neutral
●	Other Colors: Sensors/Communications

Wire Gauge Guide (copper)		
Label	Input Terminal	Conductor
1	BAT/AC IN/OUT/N/GND	6 AWG
2	Signal Cable	24-16 AWG
3	Communication Cable	Ethernet Cable
4	GND	10 AWG