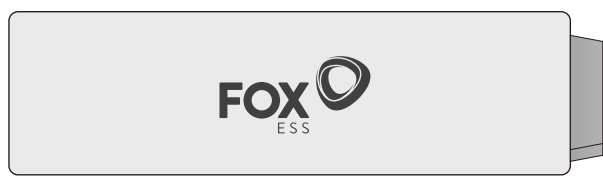
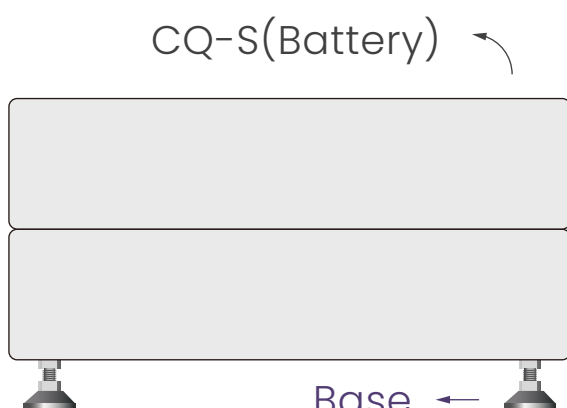


CQ7 + INVERTER COMPATIBILITY LIST



↪ CQ-M(BMS + Battery)

-
- Max 14 units in series
-



CQ-S(Battery) ↪

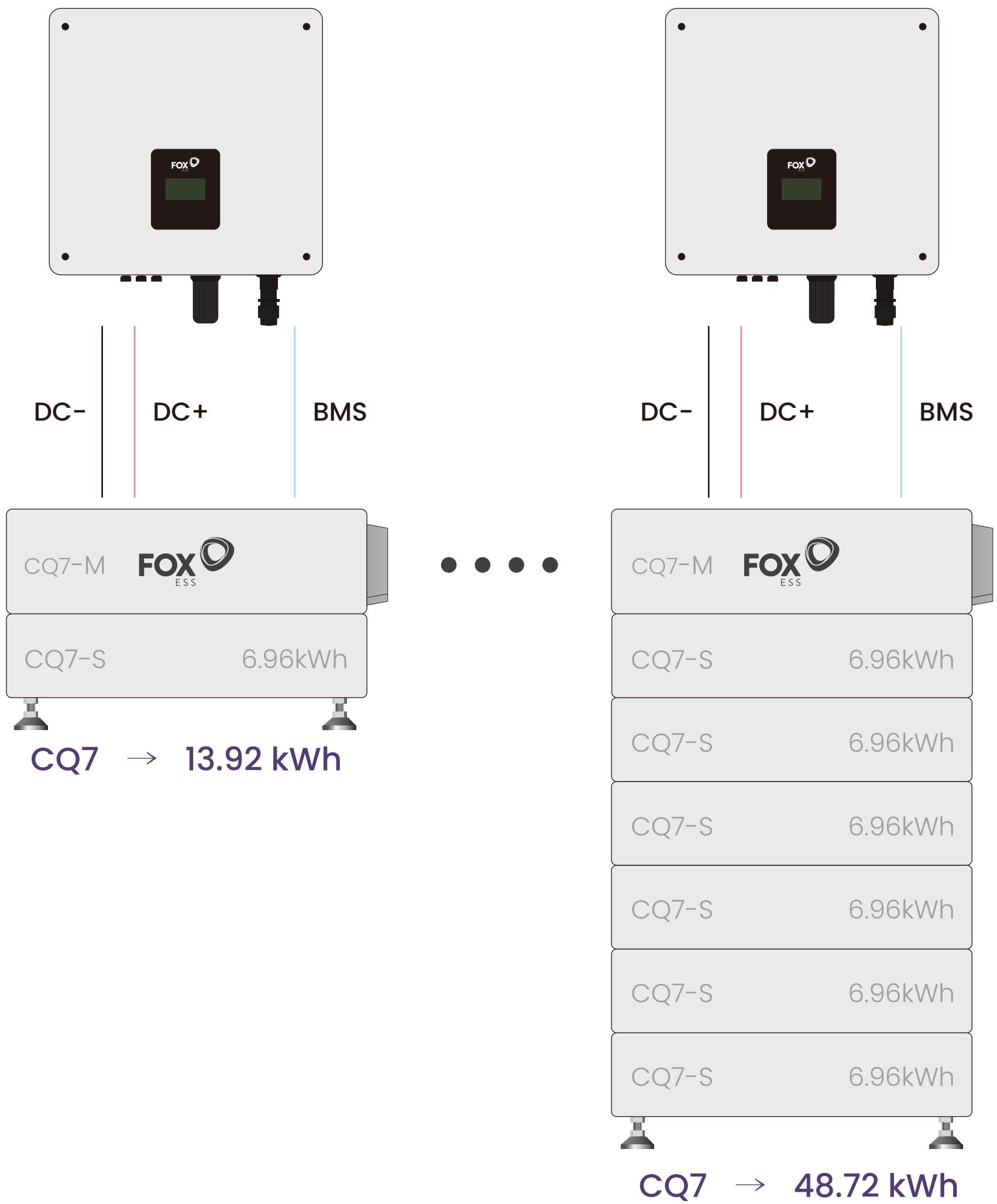
Base ←

- Foolproof plug-and-play connection, system setup in 30 minutes.
- IP65 rating for outdoor use, resistant to harsh weather.
- Built-in fire protection module, ensuring safety and reliability
- Built-in heating function for reliable winter operation*.
- Modular design for flexible capacity expansion.
- Compatible with all FOX inverters, from residential to commercial use.
- Premium LiFePO₄ cells and full aluminum die-cast housing for superior safety and reliability.
- CQ7 V6+ supports battery combinations from L6 to L12.

Series	CQ7 (Battery Qty Min.-Max.)	Inverter
Single Phase System	[1CQ-M+1CQ-S] - [1CQ-M+6CQ-S]	H1
	[1CQ-M+1CQ-S] - [1CQ-M+6CQ-S]	KH
Three Phase System	[1CQ-M+1CQ-S] - [1CQ-M+11CQ-S]	H3 SMART
	[1CQ-M+3CQ-S] - [2CQ-M+22CQ-S]	H3 PRO
	[1CQ-M+3CQ-S] - [3CQ-M+39CQ-S]	H3 Plus

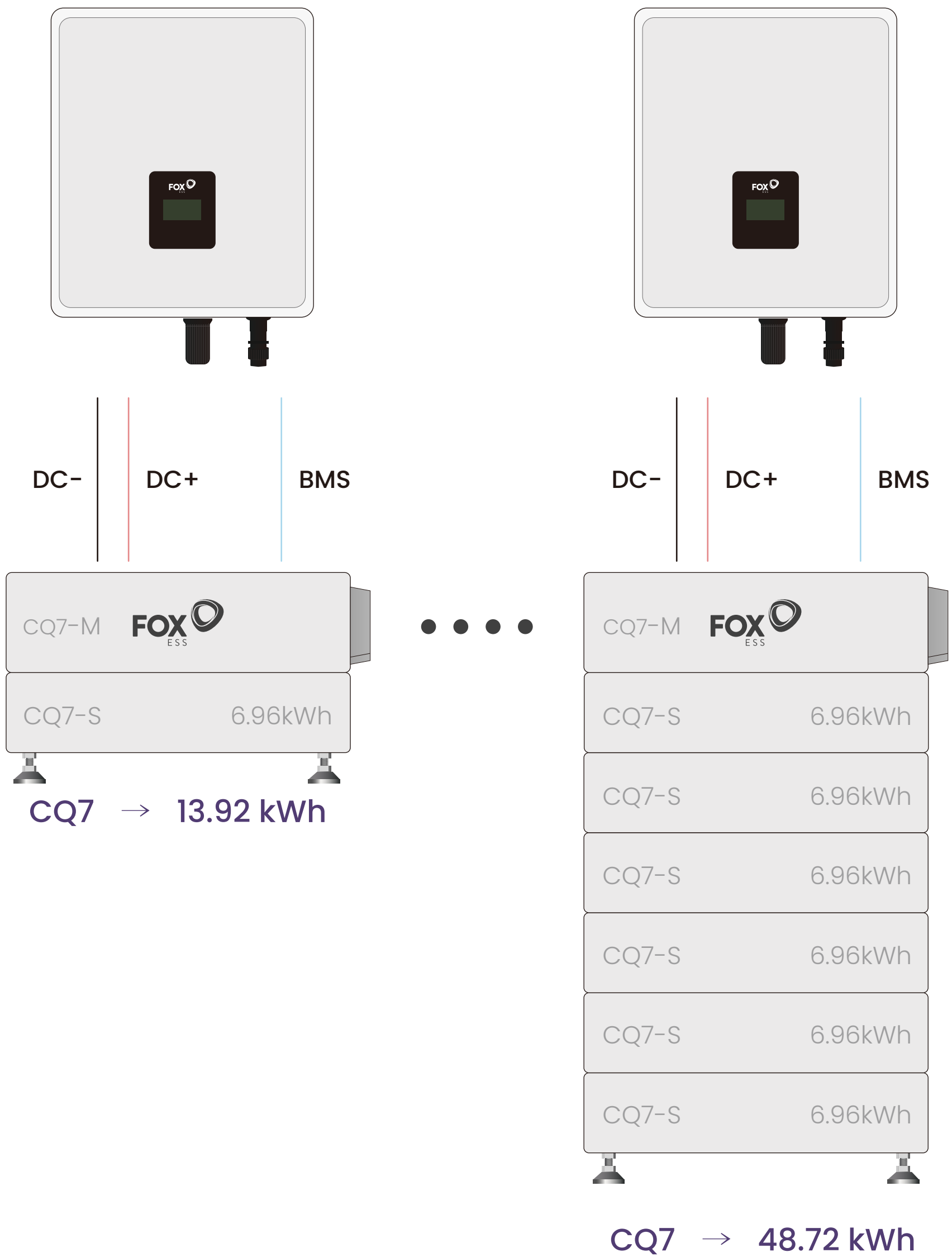
* Warm up function is available for CQ7-50-L2~L14 (w), CQ7-L2~L14 (w)

H1(3~6kW)



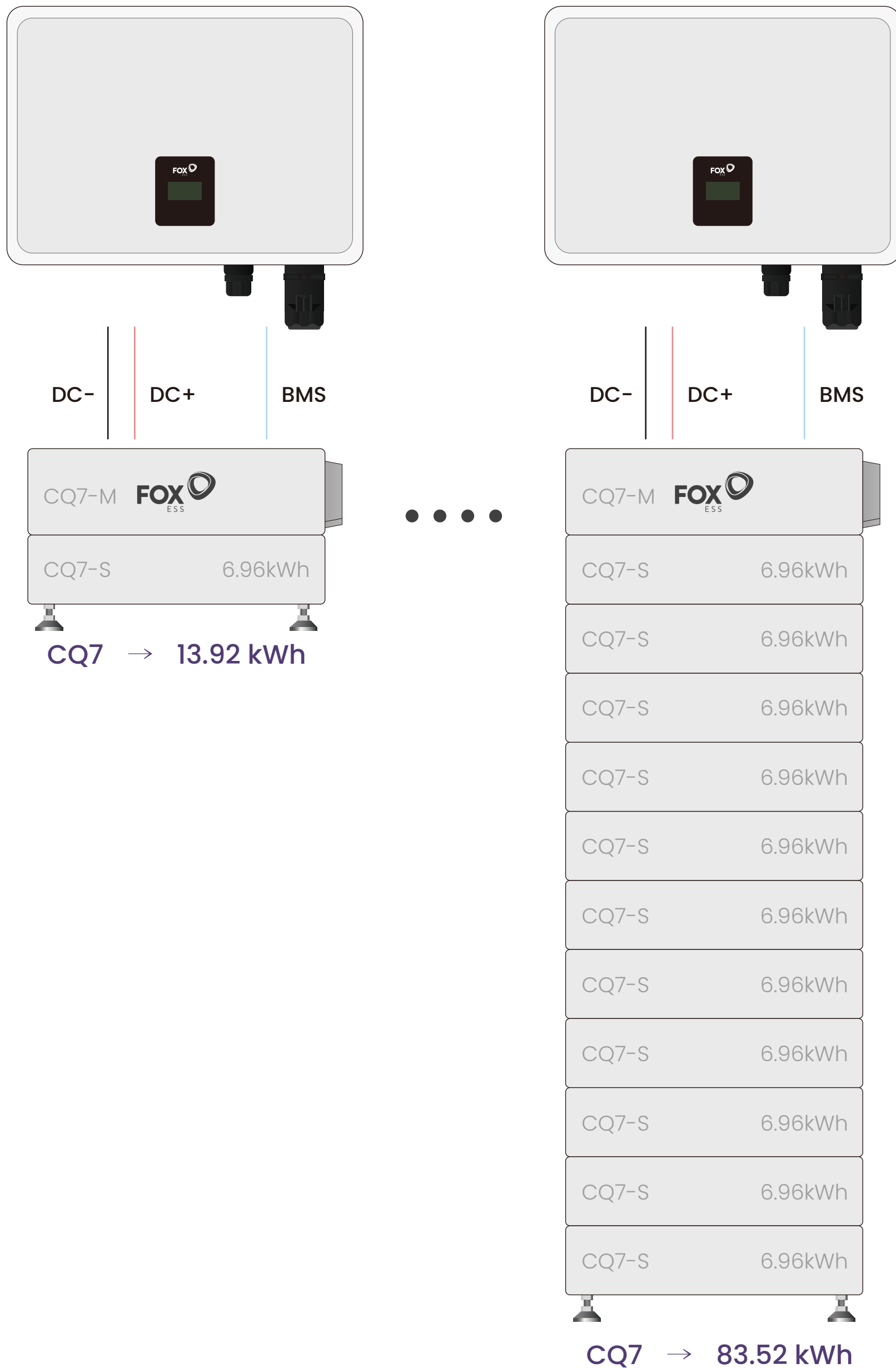
CQ7 + SINGLE PHASE SYSTEM

KH(7~10.5kW)

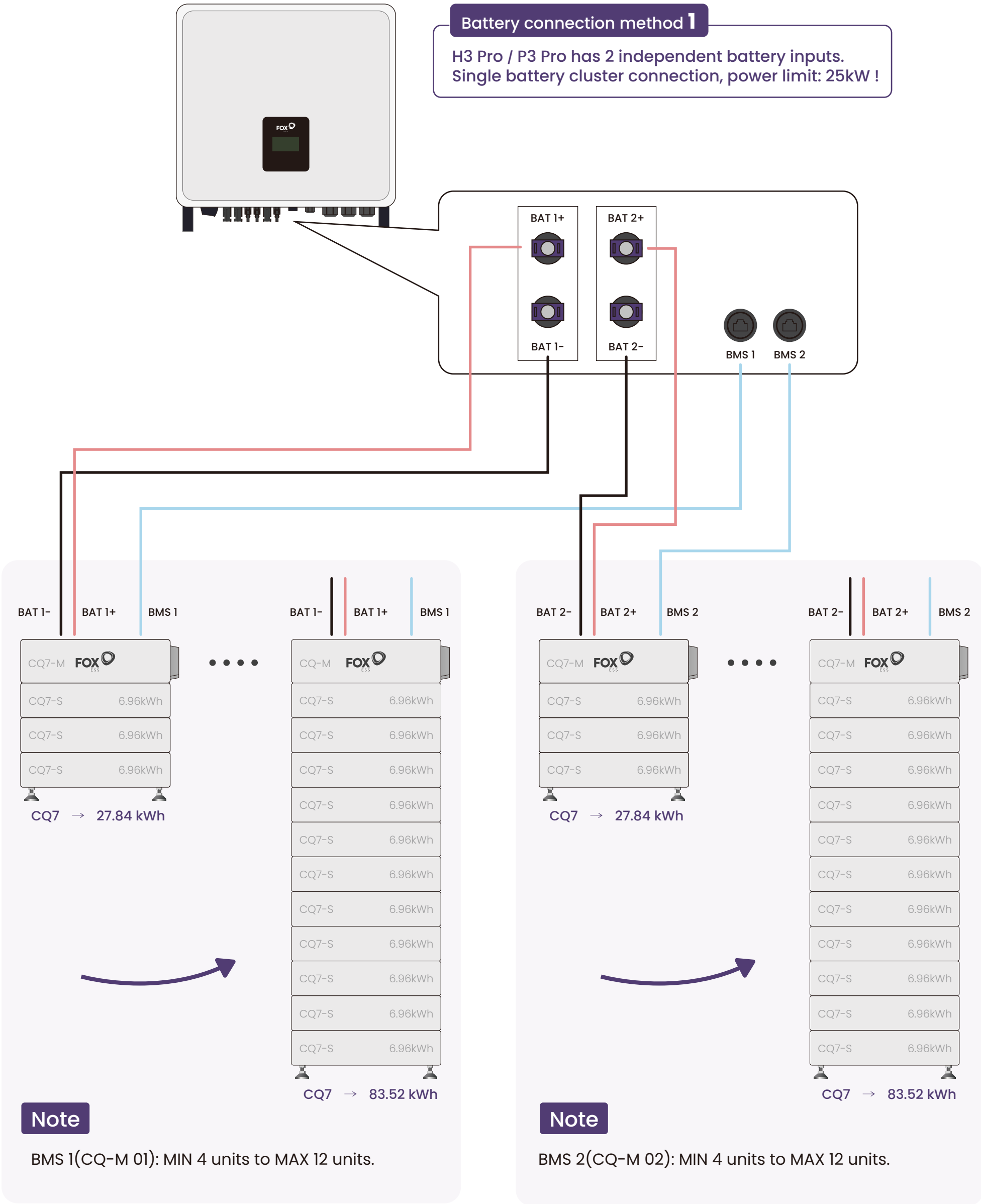


CQ7 + THREE PHASE SYSTEM

H3 SMART(5~15kW) / H3-M(5~15kW)
P3-S(5~15KW)



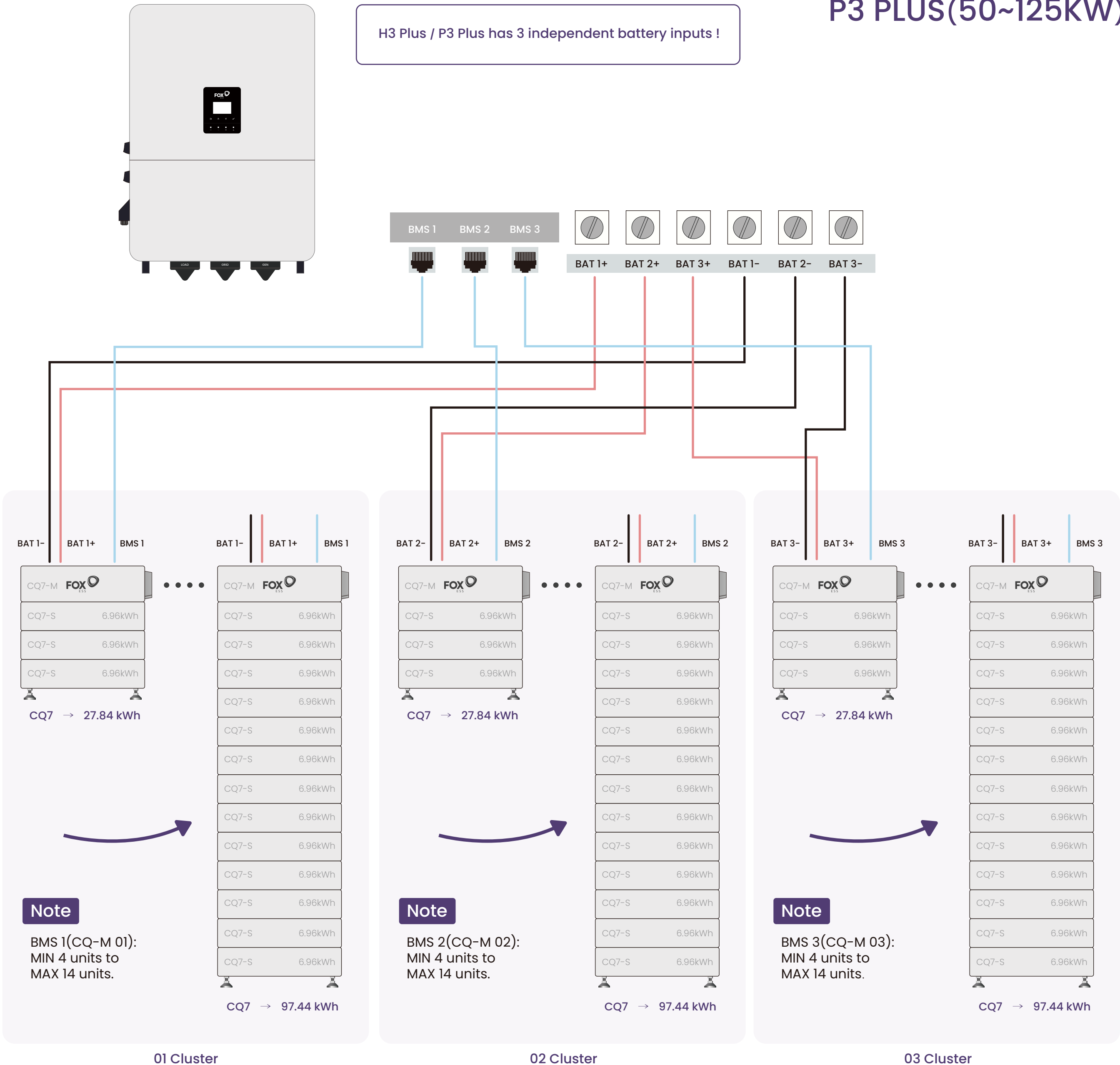
H3 PRO(15~30kW)
P3 PRO(15~30kW)



CQ7 + THREE PHASE SYSTEM

H3 PLUS(50~125KW)
P3 PLUS(50~125KW)

H3 Plus / P3 Plus has 3 independent battery inputs !



CQ7 Range (Max 50A/80A charge/discharge current model available):

	Inverter Rated Output Power	Inverter Max Charge/ Discharge Current	CQ7-L2 / CQ7-L2 (w)	CQ7-L3 / CQ7-L3 (w)	CQ7-L4 / CQ7-L4 (w)	CQ7-L5 / CQ7-L5 (w)	CQ7-L6 / CQ7-L6 (w)	CQ7-L7 / CQ7-L7 (w)	CQ7-L8 / CQ7-L8 (w)	CQ7-L9 / CQ7-L9 (w)	CQ7-L10 / CQ7-L10 (w)	CQ7-L11 / CQ7-L11 (w)	CQ7-L12 / CQ7-L12 (w)	CQ7-L13 / CQ7-L13 (w)	CQ7-L14 / CQ7-L14 (w)
			1x CQ7-M / CQ7-M (w) 1x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 2x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 3x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 4x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 5x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 6x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 7x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 8x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 9x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 10x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 11x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 12x CQ7-S / CQ7-S (w)	1x CQ7-M / CQ7-M (w) 13x CQ7-S / CQ7-S (w)
Capacity	-	-	13.92kWh	20.88kWh	27.84kWh	34.80kWh	41.76kWh	48.72kWh	55.68kWh	62.64kWh	69.60kWh	76.56kWh	83.52kWh	90.48kWh	97.44kWh
Battery Max Charge/ Discharge Current	-	-	80A	80A	80A	80A	80A	80A	80A	80A	80A	80A	80A	80A	80A
Battery Rated Charge/ Discharge Power			9.22kW	13.82kW	18.43kW	23.04kW	27.65kW	32.26kW	36.86kW	41.47kW	46.08kW	50.69kW	55.30kW	59.90kW	64.51kW
HI-3.0-E-G2 / ACI-3.0-E-G2	3kW	40A	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW	No	No	No	No	No	No	No
HI-3.7-E-G2 / ACI-3.7-E-G2	3.7kW	40A	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW	No	No	No	No	No	No	No
HI-4.6-E-G2 / ACI-4.6-E-G2	4.6kW	40A	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW	No	No	No	No	No	No	No
HI-5.0-E-G2 / ACI-5.0-E-G2	5kW	40A	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	No	No	No	No	No	No	No
HI-6.0-E-G2 / ACI-6.0-E-G2	6kW	40A	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	No	No	No	No	No	No	No
KH7 / KA7	7kW	50A	Yes Max. 7kW	Yes Max. 7kW	Yes Max. 7kW	Yes Max. 7kW	Yes Max. 7kW	Yes Max. 7kW	No	No	No	No	No	No	No
KH8 / KA8	8kW	50A	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	No	No	No	No	No	No	No
KH9 / KA9	9kW	50A	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW	No	No	No	No	No	No	No
KH9.9/KA9.9	9.9kW	50A	Yes* Max. 9.22kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	No	No	No	No	No	No	No
KH10 / KA10	10kW	50A	Yes* Max. 9.22kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	No	No	No	No	No	No	No
KH10.5/KA10.5	10.5kW	50A	Yes* Max. 9.22kW	Yes Max. 10.5kW	Yes Max. 10.5kW	Yes Max. 10.5kW	Yes Max. 10.5kW	Yes Max. 10.5kW	No	No	No	No	No	No	No
H3-5.0-Smart	5kW	50A	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	No	No
H3-6.0-Smart	6kW	50A	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	No	No
H3-8.0-Smart	8kW	50A	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	No	No
H3-9.9-Smart	9.9kW	50A	Yes* Max. 9.22kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	Yes Max. 9.9kW	No	No
H3-10.0-Smart	10kW	50A	Yes* Max. 9.22kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	No	No
H3-12.0-Smart	12kW	50A	Yes* Max. 9.22kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW	No	No
H3-15.0-Smart	15kW	50A	Yes* Max. 9.22kW	Yes* Max. 13.82kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	No	No
H3-15.0-Pro	15kW	50A (single battery port 25kW limit)	No	No	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	No	No
		50A + 50A (Two Battery Stack)	No	No	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	No	No
H3-20.0-Pro	20kW	50A (single battery port 25kW limit)	No	No	Yes* Max. 18.43kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	No	No
		50A + 50A (Two Battery Stack)	No	No	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	No	No
H3-25.0-Pro	25kW	50A (single battery port 25kW limit)	No	No	Yes* Max. 18.43kW	Yes* Max. 23.04kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	No	No
		50A + 50A (Two Battery Stack)	No	No	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	No	No
H3-29.9-Pro	29.9kW	50A (single battery port 25kW limit)	No	No	Yes* Max. 18.43kW	Yes* Max. 23.04kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	No	No
		50A + 50A (Two Battery Stack)	No	No	Yes Max. 29.9kW	Yes Max. 29.9kW	Yes Max. 29.9kW	Yes Max. 29.9kW	Yes Max. 29.9kW	Yes Max. 29.9kW	Yes Max. 29.9kW	Yes Max. 29.9kW	Yes Max. 29.9kW	No	No
H3-30.0-Pro	30kW	50A (single battery port 25kW limit)	No	No	Yes* Max. 18.43kW	Yes* Max. 23.04kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	Yes* Max. 25kW	No	No
		50A + 50A (Two Battery Stack)	No	No	Yes Max. 30kW	Yes Max. 30kW	Yes Max. 30kW	Yes Max. 30kW	Yes Max. 30kW	Yes Max. 30kW	Yes Max. 30kW	Yes Max. 30kW	Yes Max. 30kW	No	No
H3-50-Plus P3-50-Plus	50kW	80A (One Battery Stack)	No	No	Yes* Max. 18.43kW	Yes* Max. 23.04kW	Yes* Max. 27.65kW	Yes* Max. 32.26kW	Yes* Max. 36.86kW	Yes* Max. 41.47kW	Yes* Max. 46.08kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW
		80A + 80A (Two Battery Stack)	No	No	Yes* Max. 36.86kW	Yes* Max. 46.08kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW
		80A + 80A+80A (Three Battery Stack)	No	No	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW	Yes Max. 50kW
H3-60-Plus P3-60-Plus	60kW	80A (One Battery Stack)	No	No	Yes* Max. 18.43kW	Yes* Max. 23.04kW	Yes* Max. 27.65kW	Yes* Max. 32.26kW	Yes* Max. 36.86kW	Yes* Max. 41.47kW	Yes* Max. 46.08kW	Yes* Max. 50.69kW	Yes* Max. 55.30kW	Yes* Max. 59.9kW	Yes* Max. 60kW
		80A + 80A (Two Battery Stack)	No	No	Yes* Max. 36.86kW	Yes* Max. 46.08kW	Yes Max. 55.30kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW
		80A + 80A+80A (Three Battery Stack)	No	No	Yes* Max. 55.30kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW	Yes Max. 60kW
H3-75-Plus P3-75-Plus	75kW	80A (One Battery Stack)	No	No	Yes* Max. 18.43kW	Yes* Max. 23.04kW	Yes* Max. 27.65kW	Yes* Max. 32.26kW	Yes* Max. 36.86kW	Yes* Max. 41.47kW	Yes* Max. 46.08kW	Yes* Max. 50.69kW	Yes* Max. 55.30kW	Yes* Max. 59.9kW	Yes* Max. 64.51kW
		80A + 80A (Two Battery Stack)	No	No	Yes* Max. 36.86kW	Yes* Max. 46.08kW	Yes* Max. 55.30kW	Yes* Max. 64.51kW	Yes* Max. 73.73kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW
		80A + 80A+80A (Three Battery Stack)	No	No	Yes* Max. 55.30kW	Yes* Max. 69.12kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW	Yes Max. 75kW
H3-80-Plus P3-80-Plus	80kW	80A (One Battery Stack)	No	No	Yes* Max. 18.43kW	Yes* Max. 23.04kW	Yes* Max. 27.65kW	Yes* Max. 32.26kW	Yes* Max. 36.86kW	Yes* Max. 41.47kW	Yes* Max. 46.08kW	Yes* Max. 50.69kW	Yes* Max. 55.30kW	Yes* Max. 59.9kW	Yes* Max. 64.51kW
		80A + 80A (Two Battery Stack)	No	No	Yes* Max. 36.86kW	Yes* Max. 46.08kW	Yes* Max. 55.30kW	Yes* Max. 64.51kW	Yes* Max. 73.73kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW
		80A + 80A+80A (Three Battery Stack)	No	No	Yes* Max. 55.30kW	Yes* Max. 69.12kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW	Yes Max. 80kW
H3-100-Plus P3-100-Plus	100kW	80A (One Battery Stack)	No	No	Yes* Max. 18.43kW	Yes* Max. 23.04kW	Yes* Max. 27.65kW	Yes* Max. 32.26kW	Yes* Max. 36.86kW	Yes* Max. 41.47kW	Yes* Max. 46.08kW	Yes* Max. 50.69kW	Yes* Max. 55.30kW	Yes* Max. 59.9kW	Yes* Max. 64.51kW
		80A + 80A (Two Battery Stack)	No	No	Yes* Max. 36.86kW	Yes* Max. 46.08kW	Yes* Max. 55.30kW	Yes* Max. 64.51kW	Yes* Max. 73.73kW	Yes* Max. 82.94kW	Yes Max. 100kW	Yes Max. 100kW	Yes Max. 100kW	Yes Max. 100kW	Yes Max. 100kW
		80A + 80A+80A (Three Battery Stack)	No	No	Yes* Max. 55.30kW	Yes* Max. 69.12kW	Yes* Max. 82.94kW	Yes* Max. 96.77kW	Yes Max. 100kW	Yes Max. 100kW	Yes Max. 100kW	Yes Max. 100kW	Yes Max. 100kW	Yes Max. 100kW	Yes Max. 100kW
H3-125-Plus P3-125-Plus	125kW	80A (One Battery Stack)	No	No	Yes* Max. 18.43kW	Yes* Max. 23.04kW	Yes* Max. 27.65kW	Yes* Max. 32.26kW	Yes* Max. 36.86kW	Yes* Max. 41.47kW	Yes* Max. 46.08kW	Yes* Max. 50.69kW	Yes* Max. 55.30kW	Yes* Max. 59.9kW	Yes* Max. 64.51kW
		80A + 80A (Two Battery Stack)	No	No	Yes* Max. 36.86kW	Yes* Max. 46.08kW	Yes* Max. 55.30kW	Yes* Max. 64.51kW	Yes* Max. 73.73kW	Yes* Max. 82.94kW	Yes Max. 92.16kW	Yes Max. 101.38kW	Yes Max. 110.59kW	Yes Max. 119.82kW	Yes Max. 125kW
		80A + 80A+80A (Three Battery Stack)	No	No	Yes* Max. 55.30kW	Yes* Max. 69.12kW	Yes* Max. 82.94kW	Yes* Max. 96.77kW	Yes* Max. 110.59kW	Yes* Max. 124.43kW	Yes Max. 125kW	Yes Max. 125kW	Yes Max. 125kW	Yes Max. 125kW	Yes Max. 125kW



Note: CQ7 V6+ support battery comainations from L6 to L12

No

Not permitted. Voltages are outside of inverters rated input limits. Please refer to inverter data sheets for more information.

Yes*

Will supply kWh, but will not supply full power of inverter rated power from battery alone. The number quoted is maximum battery discharge. The surplus needs to come from PV. Please refer to battery data sheet for more information.

Yes

100% Compatible.
Inverter can discharge at full rated output power.

Supplementary power:

The numbers stated are purely battery discharge/charge ratings (please refer to battery datasheets). If the battery power is insufficient, the power can be made up by PV generation to the inverters capacity. The PV is still the primary source to supply house loads during an outage or normal use, and any surplus will charge the battery if needed. If the power generated by PV is not required for battery charge, the inverter will derate to meet loads only in an outage, or be supplemented from the grid in normal use. Please refer to the product manuals for further information.

DC cable sizing:

CQ7 series: minimum 10mm² (50A charge/discharge); Battery cable crimping guide can be found separately, and appropriate standards and regulations must be followed.

*1. The current is affected by temperature, cell voltage and SOC.

*2. @25°C, 0.3C charging/discharging.