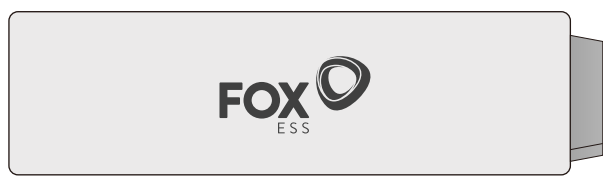
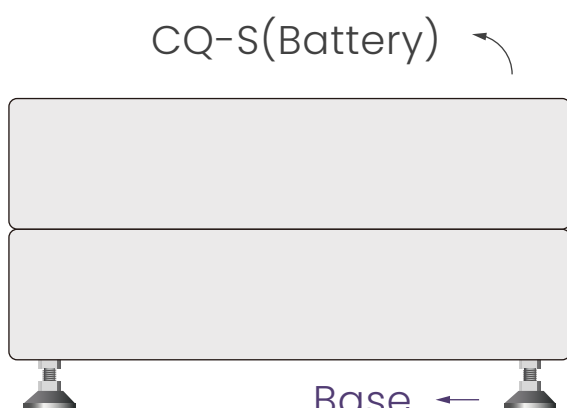


# CQ7 + INVERTER COMPATIBILITY LIST



↙ CQ-M(BMS + Battery)

- 
- Max 14 units in series
- 



CQ-S(Battery) ↙

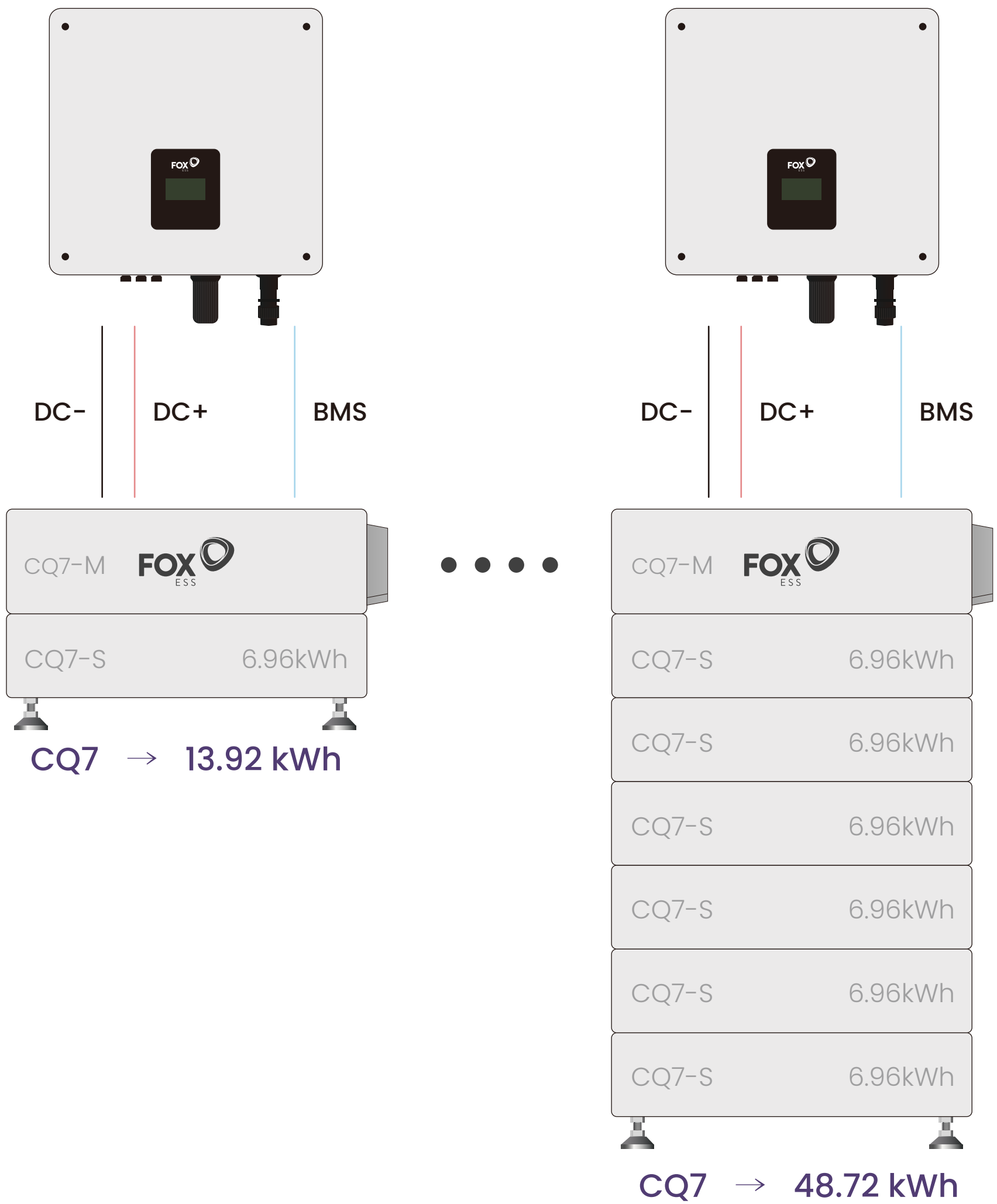
Base ←

- 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 LiFePO<sub>4</sub> 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  |

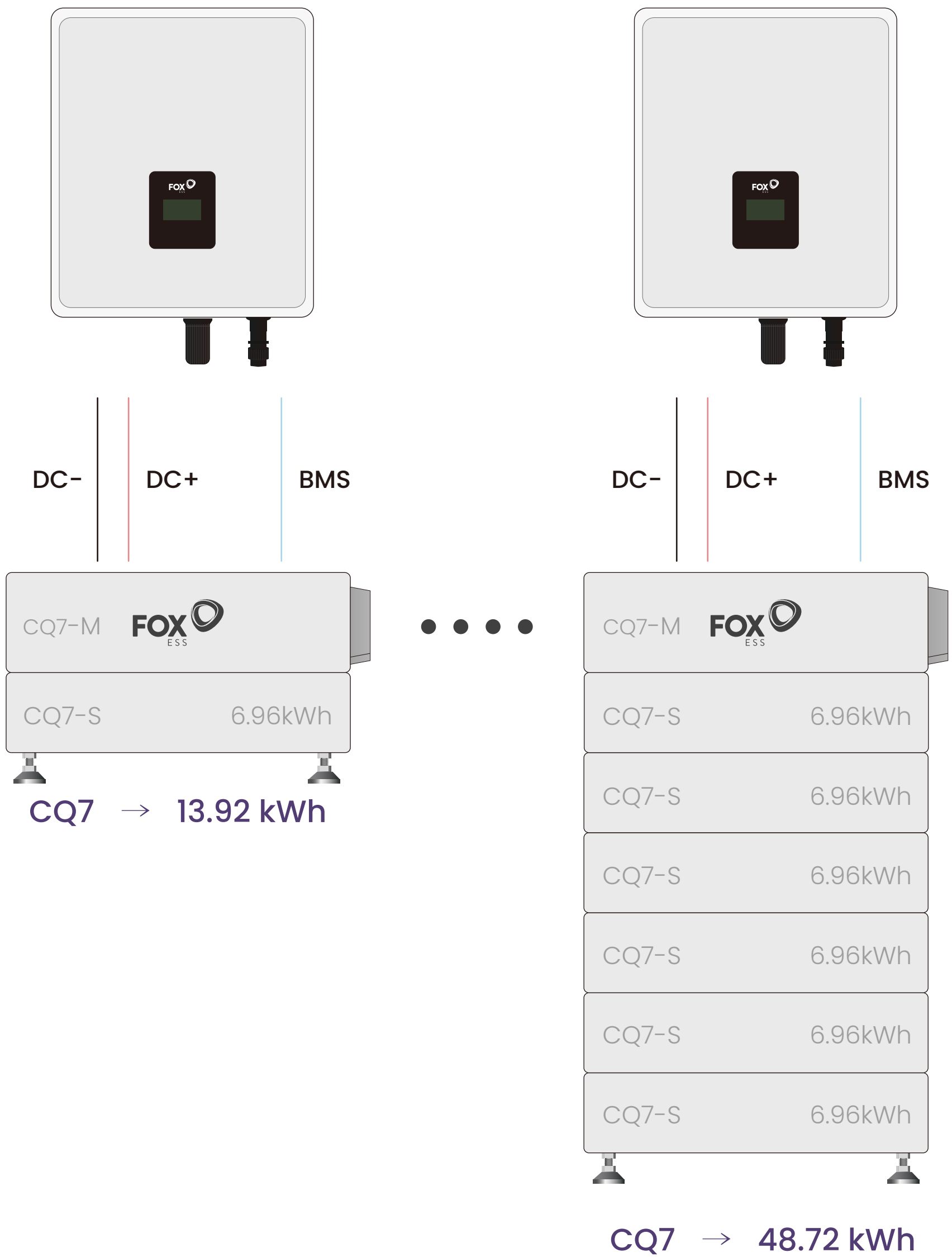
\* Warm up function is available for CQ7-50-L2~L14 (w), CQ7-L2~L14 (w)

H1(3~6kW)



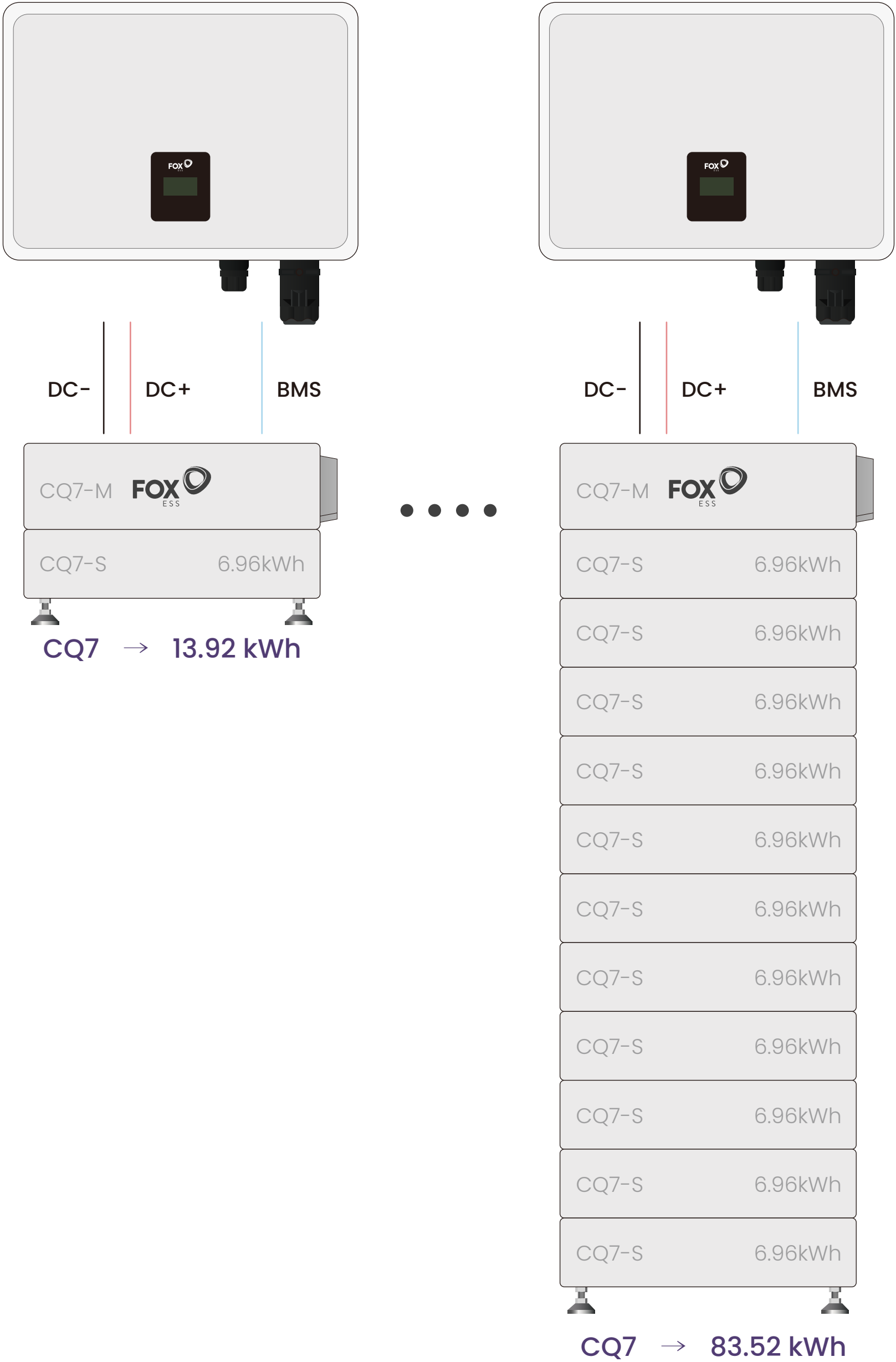
# CQ7 + SINGLE PHASE SYSTEM

KH(7~10.5kW)

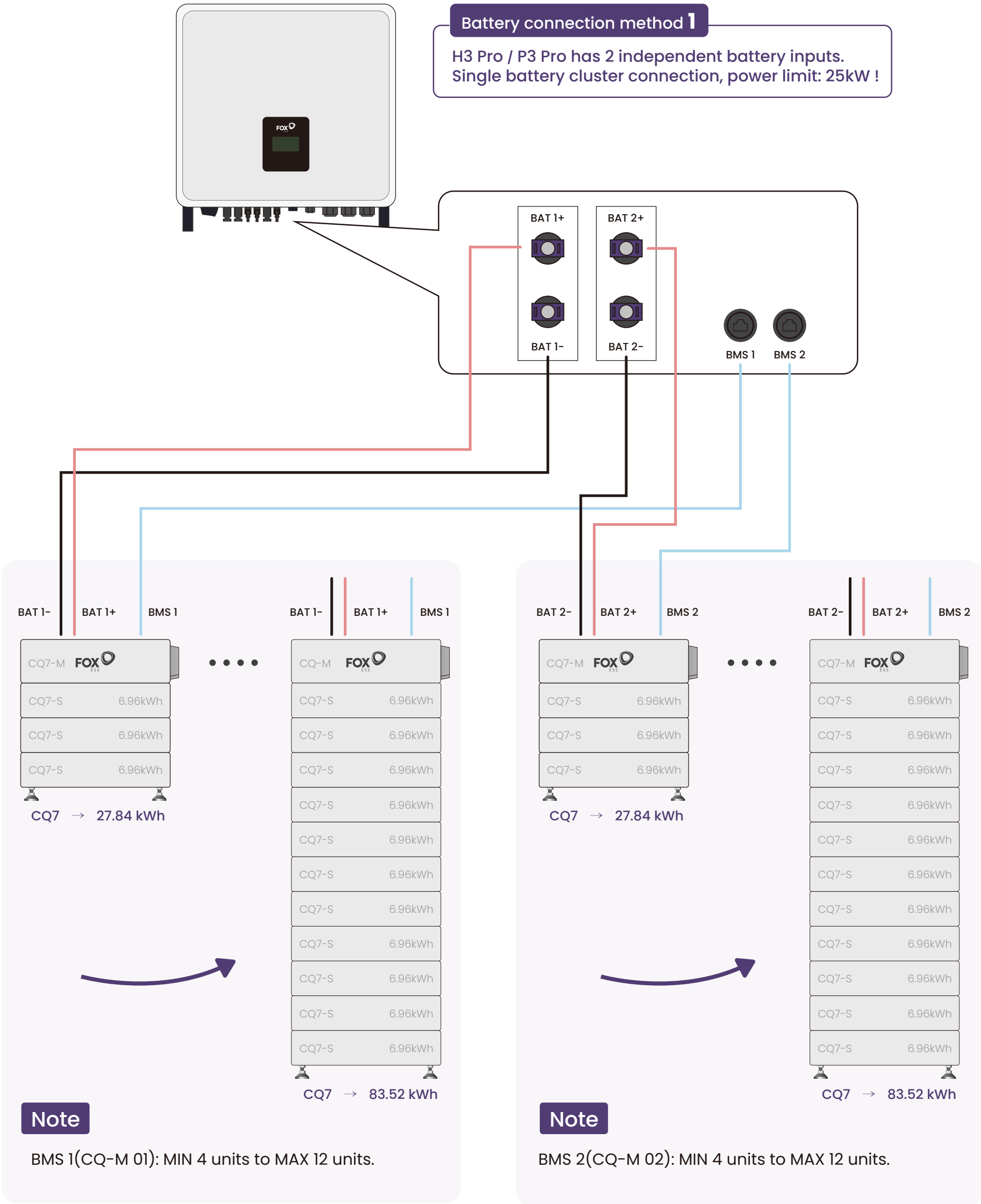


# CQ7 + THREE PHASE SYSTEM

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

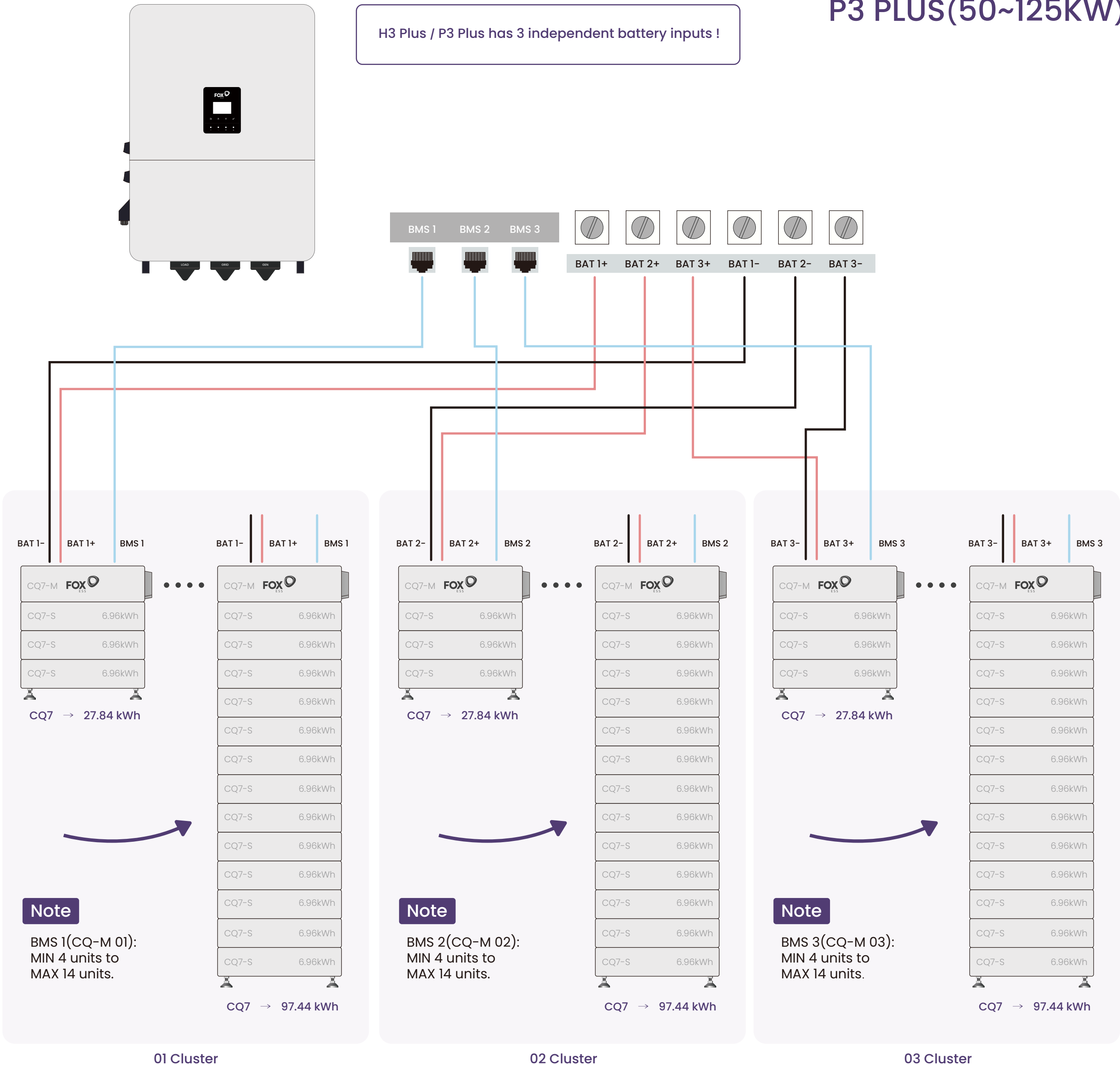


H3 PRO(15~30kW)  
P3 PRO(15~30kW)



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)<br>1x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>2x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>3x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>4x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>5x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>6x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>7x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>8x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>9x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>10x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>11x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>12x CQ7-S / CQ7-S (w) | 1x CQ7-M / CQ7-M (w)<br>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                                       |
| H1-3.0-E-G2 / ACI-3.0-E-G2            | 3kW                         | 40A                                     | Yes<br>Max. 3kW                              | Yes<br>Max. 3kW                              | Yes<br>Max. 3kW                              | Yes<br>Max. 3kW                              | Yes<br>Max. 3kW                              | Yes<br>Max. 3kW                              | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| H1-3.7-E-G2 / ACI-3.7-E-G2            | 3.7kW                       | 40A                                     | Yes<br>Max. 3.7kW                            | Yes<br>Max. 3.7kW                            | Yes<br>Max. 3.7kW                            | Yes<br>Max. 3.7kW                            | Yes<br>Max. 3.7kW                            | Yes<br>Max. 3.7kW                            | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| H1-4.6-E-G2 / ACI-4.6-E-G2            | 4.6kW                       | 40A                                     | Yes<br>Max. 4.6kW                            | Yes<br>Max. 4.6kW                            | Yes<br>Max. 4.6kW                            | Yes<br>Max. 4.6kW                            | Yes<br>Max. 4.6kW                            | Yes<br>Max. 4.6kW                            | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| H1-5.0-E-G2 / ACI-5.0-E-G2            | 5kW                         | 40A                                     | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| H1-6.0-E-G2 / ACI-6.0-E-G2            | 6kW                         | 40A                                     | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| KH7 / KA7                             | 7kW                         | 50A                                     | Yes<br>Max. 7kW                              | Yes<br>Max. 7kW                              | Yes<br>Max. 7kW                              | Yes<br>Max. 7kW                              | Yes<br>Max. 7kW                              | Yes<br>Max. 7kW                              | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| KH8 / KA8                             | 8kW                         | 50A                                     | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| KH9 / KA9                             | 9kW                         | 50A                                     | Yes<br>Max. 9kW                              | Yes<br>Max. 9kW                              | Yes<br>Max. 9kW                              | Yes<br>Max. 9kW                              | Yes<br>Max. 9kW                              | Yes<br>Max. 9kW                              | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| KH9.9/KA9.9                           | 9.9kW                       | 50A                                     | Yes*<br>Max. 9.22kW                          | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| KH10 / KA10                           | 10kW                        | 50A                                     | Yes*<br>Max. 9.22kW                          | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| KH10.5/KA10.5                         | 10.5kW                      | 50A                                     | Yes*<br>Max. 9.22kW                          | Yes<br>Max. 10.5kW                           | Yes<br>Max. 10.5kW                           | Yes<br>Max. 10.5kW                           | Yes<br>Max. 10.5kW                           | Yes<br>Max. 10.5kW                           | No                                           | No                                           | No                                           | No                                            | No                                            | No                                            | No                                            |
| H3-5.0-Smart                          | 5kW                         | 50A                                     | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                              | Yes<br>Max. 5kW                               | Yes<br>Max. 5kW                               | No                                            | No                                            |
| H3-6.0-Smart                          | 6kW                         | 50A                                     | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                              | Yes<br>Max. 6kW                               | Yes<br>Max. 6kW                               | No                                            | No                                            |
| H3-8.0-Smart                          | 8kW                         | 50A                                     | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                              | Yes<br>Max. 8kW                               | Yes<br>Max. 8kW                               | No                                            | No                                            |
| H3-9.9-Smart                          | 9.9kW                       | 50A                                     | Yes*<br>Max. 9.22kW                          | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                            | Yes<br>Max. 9.9kW                             | Yes<br>Max. 9.9kW                             | No                                            | No                                            |
| H3-10.0-Smart                         | 10kW                        | 50A                                     | Yes*<br>Max. 9.22kW                          | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                             | Yes<br>Max. 10kW                              | Yes<br>Max. 10kW                              | No                                            | No                                            |
| H3-12.0-Smart                         | 12kW                        | 50A                                     | Yes*<br>Max. 9.22kW                          | Yes<br>Max. 12kW                             | Yes<br>Max. 12kW                             | Yes<br>Max. 12kW                             | Yes<br>Max. 12kW                             | Yes<br>Max. 12kW                             | Yes<br>Max. 12kW                             | Yes<br>Max. 12kW                             | Yes<br>Max. 12kW                             | Yes<br>Max. 12kW                              | Yes<br>Max. 12kW                              | No                                            | No                                            |
| H3-15.0-Smart                         | 15kW                        | 50A                                     | Yes*<br>Max. 9.22kW                          | Yes*<br>Max. 13.82kW                         | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                              | Yes<br>Max. 15kW                              | No                                            | No                                            |
| H3-15.0-Pro                           | 15kW                        | 50A<br>(single battery port 25kW limit) | No                                           | No                                           | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                              | Yes<br>Max. 15kW                              | No                                            | No                                            |
|                                       |                             | 50A + 50A<br>(Two Battery Stack)        | No                                           | No                                           | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                             | Yes<br>Max. 15kW                              | Yes<br>Max. 15kW                              | No                                            | No                                            |
| H3-20.0-Pro                           | 20kW                        | 50A<br>(single battery port 25kW limit) | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                              | Yes<br>Max. 20kW                              | No                                            | No                                            |
|                                       |                             | 50A + 50A<br>(Two Battery Stack)        | No                                           | No                                           | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                             | Yes<br>Max. 20kW                              | Yes<br>Max. 20kW                              | No                                            | No                                            |
| H3-25.0-Pro                           | 25kW                        | 50A<br>(single battery port 25kW limit) | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes*<br>Max. 23.04kW                         | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                              | Yes<br>Max. 25kW                              | No                                            | No                                            |
|                                       |                             | 50A + 50A<br>(Two Battery Stack)        | No                                           | No                                           | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                             | Yes<br>Max. 25kW                              | Yes<br>Max. 25kW                              | No                                            | No                                            |
| H3-29.9-Pro                           | 29.9kW                      | 50A<br>(single battery port 25kW limit) | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes*<br>Max. 23.04kW                         | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                             | Yes*<br>Max. 25kW                             | No                                            | No                                            |
|                                       |                             | 50A + 50A<br>(Two Battery Stack)        | No                                           | No                                           | Yes<br>Max. 29.9kW                           | Yes<br>Max. 29.9kW                           | Yes<br>Max. 29.9kW                           | Yes<br>Max. 29.9kW                           | Yes<br>Max. 29.9kW                           | Yes<br>Max. 29.9kW                           | Yes<br>Max. 29.9kW                           | Yes<br>Max. 29.9kW                            | Yes<br>Max. 29.9kW                            | No                                            | No                                            |
| H3-30.0-Pro                           | 30kW                        | 50A<br>(single battery port 25kW limit) | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes*<br>Max. 23.04kW                         | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                            | Yes*<br>Max. 25kW                             | Yes*<br>Max. 25kW                             | No                                            | No                                            |
|                                       |                             | 50A + 50A<br>(Two Battery Stack)        | No                                           | No                                           | Yes<br>Max. 30kW                             | Yes<br>Max. 30kW                             | Yes<br>Max. 30kW                             | Yes<br>Max. 30kW                             | Yes<br>Max. 30kW                             | Yes<br>Max. 30kW                             | Yes<br>Max. 30kW                             | Yes<br>Max. 30kW                              | Yes<br>Max. 30kW                              | No                                            | No                                            |
| H3-50-Plus<br>P3-50-Plus              | 50kW                        | 80A<br>(One Battery Stack)              | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes*<br>Max. 23.04kW                         | Yes*<br>Max. 27.65kW                         | Yes*<br>Max. 32.26kW                         | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 41.47kW                         | Yes*<br>Max. 46.08kW                         | Yes<br>Max. 50kW                              | Yes<br>Max. 50kW                              | Yes<br>Max. 50kW                              | Yes<br>Max. 50kW                              |
|                                       |                             | 80A + 80A<br>(Two Battery Stack)        | No                                           | No                                           | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 46.08kW                         | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                              | Yes<br>Max. 50kW                              | Yes<br>Max. 50kW                              | Yes<br>Max. 50kW                              |
|                                       |                             | 80A + 80A+80A<br>(Three Battery Stack)  | No                                           | No                                           | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                             | Yes<br>Max. 50kW                              | Yes<br>Max. 50kW                              | Yes<br>Max. 50kW                              | Yes<br>Max. 50kW                              |
| H3-60-Plus<br>P3-60-Plus              | 60kW                        | 80A<br>(One Battery Stack)              | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes*<br>Max. 23.04kW                         | Yes*<br>Max. 27.65kW                         | Yes*<br>Max. 32.26kW                         | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 41.47kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 50.69kW                          | Yes*<br>Max. 55.30kW                          | Yes*<br>Max. 59.9kW                           | Yes*<br>Max. 60kW                             |
|                                       |                             | 80A + 80A<br>(Two Battery Stack)        | No                                           | No                                           | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 55.30kW                         | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                              | Yes<br>Max. 60kW                              | Yes<br>Max. 60kW                              | Yes<br>Max. 60kW                              |
|                                       |                             | 80A + 80A+80A<br>(Three Battery Stack)  | No                                           | No                                           | Yes*<br>Max. 55.30kW                         | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                             | Yes<br>Max. 60kW                              | Yes<br>Max. 60kW                              | Yes<br>Max. 60kW                              | Yes<br>Max. 60kW                              |
| H3-75-Plus<br>P3-75-Plus              | 75kW                        | 80A<br>(One Battery Stack)              | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes*<br>Max. 23.04kW                         | Yes*<br>Max. 27.65kW                         | Yes*<br>Max. 32.26kW                         | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 41.47kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 50.69kW                          | Yes*<br>Max. 55.30kW                          | Yes*<br>Max. 59.9kW                           | Yes*<br>Max. 64.51kW                          |
|                                       |                             | 80A + 80A<br>(Two Battery Stack)        | No                                           | No                                           | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 55.30kW                         | Yes*<br>Max. 64.51kW                         | Yes*<br>Max. 73.73kW                         | Yes<br>Max. 75kW                             | Yes<br>Max. 75kW                             | Yes<br>Max. 75kW                              | Yes<br>Max. 75kW                              | Yes<br>Max. 75kW                              | Yes<br>Max. 75kW                              |
|                                       |                             | 80A + 80A+80A<br>(Three Battery Stack)  | No                                           | No                                           | Yes*<br>Max. 55.30kW                         | Yes*<br>Max. 69.12kW                         | Yes<br>Max. 75kW                             | Yes<br>Max. 75kW                             | Yes<br>Max. 75kW                             | Yes<br>Max. 75kW                             | Yes<br>Max. 75kW                             | Yes<br>Max. 75kW                              | Yes<br>Max. 75kW                              | Yes<br>Max. 75kW                              | Yes<br>Max. 75kW                              |
| H3-80-Plus<br>P3-80-Plus              | 80kW                        | 80A<br>(One Battery Stack)              | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes*<br>Max. 23.04kW                         | Yes*<br>Max. 27.65kW                         | Yes*<br>Max. 32.26kW                         | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 41.47kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 50.69kW                          | Yes*<br>Max. 55.30kW                          | Yes*<br>Max. 59.9kW                           | Yes*<br>Max. 64.51kW                          |
|                                       |                             | 80A + 80A<br>(Two Battery Stack)        | No                                           | No                                           | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 55.30kW                         | Yes*<br>Max. 64.51kW                         | Yes*<br>Max. 73.73kW                         | Yes<br>Max. 80kW                             | Yes<br>Max. 80kW                             | Yes<br>Max. 80kW                              | Yes<br>Max. 80kW                              | Yes<br>Max. 80kW                              | Yes<br>Max. 80kW                              |
|                                       |                             | 80A + 80A+80A<br>(Three Battery Stack)  | No                                           | No                                           | Yes*<br>Max. 55.30kW                         | Yes*<br>Max. 69.12kW                         | Yes<br>Max. 80kW                             | Yes<br>Max. 80kW                             | Yes<br>Max. 80kW                             | Yes<br>Max. 80kW                             | Yes<br>Max. 80kW                             | Yes<br>Max. 80kW                              | Yes<br>Max. 80kW                              | Yes<br>Max. 80kW                              | Yes<br>Max. 80kW                              |
| H3-100-Plus<br>P3-100-Plus            | 100kW                       | 80A<br>(One Battery Stack)              | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes*<br>Max. 23.04kW                         | Yes*<br>Max. 27.65kW                         | Yes*<br>Max. 32.26kW                         | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 41.47kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 50.69kW                          | Yes*<br>Max. 55.30kW                          | Yes*<br>Max. 59.9kW                           | Yes*<br>Max. 64.51kW                          |
|                                       |                             | 80A + 80A<br>(Two Battery Stack)        | No                                           | No                                           | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 55.30kW                         | Yes*<br>Max. 64.51kW                         | Yes*<br>Max. 73.73kW                         | Yes*<br>Max. 82.94kW                         | Yes<br>Max. 92.16kW                          | Yes<br>Max. 100kW                             | Yes<br>Max. 100kW                             | Yes<br>Max. 100kW                             | Yes<br>Max. 100kW                             |
|                                       |                             | 80A + 80A+80A<br>(Three Battery Stack)  | No                                           | No                                           | Yes*<br>Max. 55.30kW                         | Yes*<br>Max. 69.12kW                         | Yes<br>Max. 82.94kW                          | Yes<br>Max. 96.77kW                          | Yes<br>Max. 100kW                            | Yes<br>Max. 100kW                            | Yes<br>Max. 100kW                            | Yes<br>Max. 100kW                             | Yes<br>Max. 100kW                             | Yes<br>Max. 100kW                             | Yes<br>Max. 100kW                             |
| H3-125-Plus<br>P3-125-Plus            | 125kW                       | 80A<br>(One Battery Stack)              | No                                           | No                                           | Yes*<br>Max. 18.43kW                         | Yes*<br>Max. 23.04kW                         | Yes*<br>Max. 27.65kW                         | Yes*<br>Max. 32.26kW                         | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 41.47kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 50.69kW                          | Yes*<br>Max. 55.30kW                          | Yes*<br>Max. 59.9kW                           | Yes*<br>Max. 64.51kW                          |
|                                       |                             | 80A + 80A<br>(Two Battery Stack)        | No                                           | No                                           | Yes*<br>Max. 36.86kW                         | Yes*<br>Max. 46.08kW                         | Yes*<br>Max. 55.30kW                         | Yes*<br>Max. 64.51kW                         | Yes*<br>Max. 73.73kW                         | Yes*<br>Max. 82.94kW                         | Yes<br>Max. 92.16kW                          | Yes<br>Max. 101.38kW                          | Yes<br>Max. 110.59kW                          | Yes<br>Max. 119.82kW                          | Yes<br>Max. 125kW                             |
|                                       |                             | 80A + 80A+80A<br>(Three Battery Stack)  | No                                           | No                                           | Yes*<br>Max. 55.30kW                         | Yes*<br>Max. 69.12kW                         | Yes<br>Max. 82.94kW                          | Yes<br>Max. 96.77kW                          | Yes<br>Max. 110.59kW                         | Yes<br>Max. 124.43kW                         | Yes<br>Max. 125kW                            | Yes<br>Max. 125kW                             | Yes<br>Max. 125kW                             | Yes<br>Max. 125kW                             | Yes<br>Max. 125kW                             |

Note: CQ7 V4+ support battery comainations from L4 to L14

Note: CQ7 V6+ support battery comainations from L6 to L14

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 10mm<sup>2</sup> (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.