

Fox ESS Inverter & Battery Configuration Guide

For All countries except Italy and US:

| | Inverter Model Battery Model | H1/AC1 H1-G2/AC1-G2 (Battery Qty Min.-Max.) | H3/AC3 (Battery Qty Min.-Max.) | H3 PRO/P3 PRO (Battery Qty Min.-Max.) | KH/KA (Battery Qty Min.-Max.) | H3 SMART/H3-M/P3-S | H3 Plus/P3 Plus |
|----------------------|---------------------------------|---|---|--|----------------------------------|------------------------------|------------------------------|
| | | | HV2600 | 2~7 | 3~8 | 3~16 | 2~8 |
| Inverter +Battery | HV25 | 2~7 | 3~8 | 3~16 | 2~8 | - | |
| | CM2800&CS2800 | (1CM+1CS)-(1CM+6CS) | (1CM+2CS)-(1CM+6CS) | (1CM+2CS)-(2CM+12CS) | (1CM+1CS)-(1CM+6CS) | (1CM+1CS)-(1CM+6CS) | |
| | CM2900&CS2900 | (1CM+1CS)-(1CM+6CS) | (1CM+2CS)-(1CM+6CS) | (1CM+2CS)-(2CM+12CS) | (1CM+1CS)-(1CM+6CS) | (1CM+1CS)-(1CM+6CS) | |
| | CM4100&CS4100 | (1CM+1CS)-(1CM+6CS) | (1CM+2CS)-(1CM+6CS) | (1CM+2CS)-(2CM+12CS) | (1CM+1CS)-(1CM+6CS) | (1CM+1CS)-(1CM+6CS) | |
| | CM4300&CS4300 | (1CM+1CS)-(1CM+6CS) | (1CM+2CS)-(1CM+6CS) | (1CM+2CS)-(2CM+12CS) | (1CM+1CS)-(1CM+6CS) | (1CM+1CS)-(1CM+6CS) | |
| | EQ4800/EQ5500 | (1EQ-M+1EQ-S)-(1EQ-M+8EQ-S) | (1EQ-M+2EQ-S)-(1EQ-M+8EQ-S) | (1EQ-M+2EQ-S)-(2EQ-M+16EQ-S) | (1EQ-M+1EQ-S)-(1EQ-M+8EQ-S) | (1EQ-M+2EQ-S)-(1EQ-M+8EQ-S) | |
| | EQ3300/EQ5000 | (1EQ-M+1EQ-S)-(1EQ-M+5EQ-S) | (1EQ-M+2EQ-S)-(1EQ-M+5EQ-S) | (1EQ-M+2EQ-S)-(2EQ-M+10EQ-S) | (1EQ-M+1EQ-S)-(1EQ-M+5EQ-S) | (1EQ-M+1EQ-S)-(1EQ-M+5EQ-S) | |
| | EQ6000Plus | (1EQ-M+1EQ-S)-(1EQ-M+6EQ-S) | (1EQ-M+2EQ-S)-(1EQ-M+6EQ-S) | (1EQ-M+2EQ-S)-(2EQ-M+12EQ-S) | (1EQ-M+1EQ-S)-(1EQ-M+6EQ-S) | (1EQ-M+1EQ-S)-(1EQ-M+6EQ-S) | |
| | EP5/EP6/EK5/EK6 | 1-4 | 1-4 | 1-8 | 1-4 | 1-4 | |
| | EP11/EP12/EK11/EK12 | 1-4 | 1-4 | 1-8 | 1-4 | 1-4 | |
| | CQ6 | (1CQ-M+1CQ-S)-(1CQ-M+6CQ-S) | (1CQ-M+2CQ-S)-(1CQ-M+11CQ-S) | (1CQ-M+3CQ-S)-(2CQ-M+22CQ-S) | (1CQ-M+1CQ-S)-(1CQ-M+6CQ-S) | (1CQ-M+1CQ-S)-(1CQ-M+11CQ-S) | (1CQ-M+3CQ-S)-(3CQ-M+39CQ-S) |
| | CQ7 | (1CQ-M+1CQ-S)-(1CQ-M+6CQ-S) | (1CQ-M+2CQ-S)-(1CQ-M+11CQ-S) | (1CQ-M+3CQ-S)-(2CQ-M+22CQ-S) | (1CQ-M+1CQ-S)-(1CQ-M+6CQ-S) | (1CQ-M+1CQ-S)-(1CQ-M+11CQ-S) | (1CQ-M+3CQ-S)-(3CQ-M+39CQ-S) |
| | CQ16 | - | - | - | - | - | 4-45 |
| AIO | Inverter Model Battery Model | AIO-H1/AIO-AC1 (Battery Qty Min.-Max.) | AIO-H3/AIO-AC3 (Battery Qty Min.-Max.) | Power Qube-H (Battery Qty Min.-Max.) | | | |
| | HV2600 | 2~4 | 4 | | | | |
| | EQ2900-S/4300-S | | | 2~7 | | | |

- When 1CM+2CS or 3 HV or 1EQ+2EQ(4800) batteries connected with H3: Black Start of system is not supported.
- When 1CM+2CS or 3 HV or 1EQ+2EQ(4800) batteries connected with H3-Pro: Black Start of system is not supported.
- Black Start: Start inverter without PV and Grid, only start with battery.

For Italy only (Due to CEI-021 certificate):

| | Inverter Model Battery Model | H1/AC1 (Battery Qty Min.-Max.) | H3/AC3 (Battery Qty Min.-Max.) | H3 PRO (Battery Qty Min.-Max.) | KH/KA (Battery Qty Min.-Max.) | H3 SMART | |
|----------------------|---------------------------------|-----------------------------------|---|---|----------------------------------|-----------------------------|-----|
| | | | HV2600 | 2~7 | 4~8 | 4~16 | 2~8 |
| Inverter +Battery | HV25 | 2~7 | 4~8 | 4~16 | 2~8 | - | |
| | CM2800&CS2800 | (1CM+1CS)-(1CM+6CS) | (1CM+3CS)-(1CM+6CS) | (1CM+3CS)-(2CM+12CS) | (1CM+1CS)-(1CM+6CS) | (1CM+1CS)-(1CM+6CS) | |
| | CM2900&CS2900 | (1CM+1CS)-(1CM+6CS) | (1CM+3CS)-(1CM+6CS) | (1CM+3CS)-(2CM+12CS) | (1CM+1CS)-(1CM+6CS) | (1CM+1CS)-(1CM+6CS) | |
| | CM4100&CS4100 | (1CM+1CS)-(1CM+6CS) | (1CM+3CS)-(1CM+6CS) | (1CM+3CS)-(2CM+12CS) | (1CM+1CS)-(1CM+6CS) | (1CM+1CS)-(1CM+6CS) | |
| | CM4300&CS4300 | (1CM+1CS)-(1CM+6CS) | (1CM+3CS)-(1CM+6CS) | (1CM+3CS)-(2CM+12CS) | (1CM+1CS)-(1CM+6CS) | (1CM+1CS)-(1CM+6CS) | |
| | EQ4800 | (1EQ-M+1EQ-S)-(1EQ-M+8EQ-S) | (1EQ-M+2EQ-S)-(2EQ-M+8EQ-S) | (1EQ-M+2EQ-S)-(2EQ-M+16EQ-S) | (1EQ-M+1EQ-S)-(1EQ-M+8EQ-S) | (1EQ-M+2EQ-S)-(1EQ-M+8EQ-S) | |
| | EP5 | 1-4 | 1-4 | 1-8 | 1-4 | 1-4 | |
| | EP11 | 1-4 | 1-4 | 1-8 | 1-4 | 1-4 | |
| | AIO | Inverter Model Battery Model | AIO-H1/AIO-AC1 (Battery Qty Min.-Max.) | AIO-H3/AIO-AC3 (Battery Qty Min.-Max.) | | | |
| | | HV2600 | 2~4 | 4 | | | |

- When 1CM+2CS or 3 HV or 1EQ+2EQ(4800) batteries connected with H3: Black Start of system is not supported.
- When 1CM+2CS or 3 HV or 1EQ+2EQ(4800) batteries connected with H3-Pro: Black Start of system is not supported.
- Black Start: Start inverter without PV and Grid, only start with battery.

Note: If system is installed outside of guidelines for Fox ESS Inverter & Battery Configuration Guide, Fox ESS reserves the right to reject warranty.