

## 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 (Battery Qty Min.~Max.)	KH/KA (Battery Qty Min.~Max.)	H3 SMART
		Inverter +Battery	HV2600	2~7	3~8	3~16
Mira-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	(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)
EP5/EK5	1-4		1-4	1-8	1-4	1-4
EP11/EK11	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.)	Power Qube-H (Battery Qty Min.~Max.)		
	HV2600	2~4	4			
	EQ2900-S/4300-S			2~7		

1. When 1CM+2CS or 3 HV/Mira-HV or 1EQ+2EQ(4800) batteries connected with H3: Black Start of system is not supported.
2. When 1CM+2CS or 3 HV/Mira-HV or 1EQ+2EQ(4800) batteries connected with H3-Pro: Black Star of system is not supported.
3. 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
		Inverter +Battery	HV2600	2~7	4~8	4~16
Mira-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			

1. When 1CM+2CS or 3 HV/Mira-HV or 1EQ+2EQ(4800) batteries connected with H3: Black start of system is not supported.
2. When 1CM+2Cs or 3 HV/Mira-HV or 1EQ+2EQ(4800) batteries connected with H3-Pro: Black start of system is not supported.
3. 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.**