

BATTERY SIZING GUIDE



For All countries except Italy and US:

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.)	AIO-H1/AIO-AC1 (Battery Qty Min.~Max.)	AIO-H3/AIO-AC3 (Battery Qty Min.~Max.)
HV2600	2~7	3~8	3~16	2~8	2~4	4
Mira HV25	2~7	3~8	3~16	2~8	N/A	N/A
CM2800&CS2800	(1CM+1CS)~(1CM+6CS)	(1CM+2CS)~(1CM+6CS)	(1CM+2CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
CM2900&CS2900	(1CM+1CS)~(1CM+6CS)	(1CM+2CS)~(1CM+6CS)	(1CM+2CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
CM4100&CS4100	(1CM+1CS)~(1CM+6CS)	(1CM+2CS)~(1CM+6CS)	(1CM+2CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
CM4300&CS4300	(1CM+1CS)~(1CM+6CS)	(1CM+2CS)~(1CM+6CS)	(1CM+2CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
CM4800&CS4800	(1CM+1CS)~(1CM+6CS)	(1CM+2CS)~(1CM+6CS)	(1CM+2CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
EQ CM4800&CS4800	(1CM+1CS)~(1CM+8CS)	(1CM+2CS)~(1CM+8CS)	(1CM+2CS)~(2CM+16CS)	(1CM+1CS)~(1CM+8CS)	N/A	N/A
EP5	1~4	1~4	1~8	1~4	N/A	N/A
EP11	1~4	1~4	1~8	1~4	N/A	N/A

- 1、 When 1CM+2CS or 3 HV/Mira-HV batteries connected with H3: Black Start of system is not supported.
- 2、 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.)	AIO-H1/AIO-AC1 (Battery Qty Min.~Max.)	AIO-H3/AIO-AC3 (Battery Qty Min.~Max.)
HV2600	2~7	4~8	4~16	2~8	2~4	4
Mira HV25	2~7	4~8	4~16	2~8	N/A	N/A
CM2800&CS2800	(1CM+1CS)~(1CM+6CS)	(1CM+3CS)~(1CM+6CS)	(1CM+3CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
CM2900&CS2900	(1CM+1CS)~(1CM+6CS)	(1CM+3CS)~(1CM+6CS)	(1CM+3CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
CM4100&CS4100	(1CM+1CS)~(1CM+6CS)	(1CM+3CS)~(1CM+6CS)	(1CM+3CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
CM4300&CS4300	(1CM+1CS)~(1CM+6CS)	(1CM+3CS)~(1CM+6CS)	(1CM+3CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
CM4800&CS4800	(1CM+1CS)~(1CM+6CS)	(1CM+3CS)~(1CM+6CS)	(1CM+3CS)~(2CM+12CS)	(1CM+1CS)~(1CM+6CS)	N/A	N/A
EQ CM4800&CS4800	(1CM+1CS)~(1CM+8CS)	(1CM+3CS)~(1CM+8CS)	(1CM+3CS)~(2CM+16CS)	(1CM+1CS)~(1CM+8CS)	N/A	N/A
EP5	1~4	1~4	1~8	1~4	N/A	N/A
EP11	1~4	1~4	1~8	1~4	N/A	N/A

If system is installed outside of guidelines for Battery Qty Min.~Max., Fox ESS reserves the right to reject warranty.