

Fox ESS Inverter & Battery Configuration Guide - AU

For Australia:

Each inverter model has a minimum or maximum allowed battery connection. Please use the table below for reference.

For ECS and EQ series, the battery system consists of 1 manager unit (CM or EQ-M) and multiple support unit (CS or EQS). For all connected inverters, it is required to installed a manager unit and some amount of support unit. The variation is dependent on the Inverter operating requirement.

For example, the minimum quantity for H1-G2 with ECS2900 is 1CM+1CS, corresponding to ECS2900-H2.

H3-Pro model has two battery input ports, and it supports two stacks of battery.

For example, the minimum quantity for H3-Pro with EQ4800 is 2EQ-M+6EQ-S, corresponding to two sets of EQ4800-L4.

AIO unit:

Inverter Model Battery Model	AIO-H1/AIO-AC1 (Battery Qty Min.~Max.)	AIO-H3/AIO-AC3 (Battery Qty Min.~Max.)
	HV2600 2~4	4

Single Phase:

CM2900 (CM) and CS2900 (CS) are the battery module of ECS2900-Hx (x=2/3/4/5/6/7)

ECS4800-M (CM) and ECS4800-S (CS) are the battery module of ECS4800-Lx (x=2/3/4/5/6/7)

EQ4800-M (EQ-M) and EQ4800-S (EQ-S) are the battery module of EQ4800-Lx (x=2/3/4/5/6/7/8/9)

Inverter Model Battery Model	H1-G2/AC1-G2 (Battery Qty Min.~Max.)	KH/KA (Battery Qty Min.~Max.)
HV2600	2~7	2~8
ECS2900-Hx	(1CM+1CS)~(1CM+6CS)	(1CM+1CS)~(1CM+6CS)
ECS4800-Hx	(1CM+1CS)~(1CM+6CS)	(1CM+1CS)~(1CM+6CS)
EQ4800-Lx	(1EQ-M+1EQ-S)~(1EQ-M+8EQ-S)	(1EQ-M+1EQ-S)~(1EQ-M+8EQ-S)
EP5	1-4	1-4
EP11	1-4	1-4

Three-phase

Inverter Model Battery Model	H3/AC3 (Battery Qty Min.~Max.)	H3/AC3-Smart (Battery Qty Min.~Max.)	H3-PRO (Battery Qty Min.~Max.)
HV2600	3~8	3~8	3~16
ECS2900-Hx	(1CM+2CS)~(1CM+6CS)	(1CM+1CS)~(1CM+6CS)	(1CM+2CS)~(2CM+12CS)
ECS4800-Hx	(1CM+2CS)~(1CM+6CS)	(1CM+2CS)~(1CM+6CS)	(1CM+2CS)~(2CM+12CS)
EQ4800-Lx	(1EQ-M+3EQ-S)~(1EQ-M+8EQ-S)	(1EQ-M+3EQ-S)~(1EQ-M+8EQ-S)	(1EQ-M+3EQ-S)~(2EQ-M+16EQ-S)
EP5	1-4	1-4	1-8
EP11	1-4	1-4	1-8

* Black Start: Starting inverter without PV or Grid, only with battery.

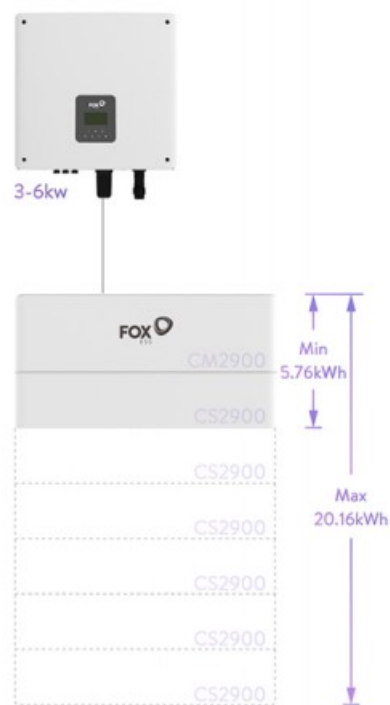
* Black Start Condition: Battery operating voltage should be higher than the minimum inverter battery operating voltage requirement, otherwise the Black Start function cannot be activated.

CM2900 (CM) and CS2900 (CS) are the battery module of ECS2900-Hx (x=2/3/4/5/6/7)

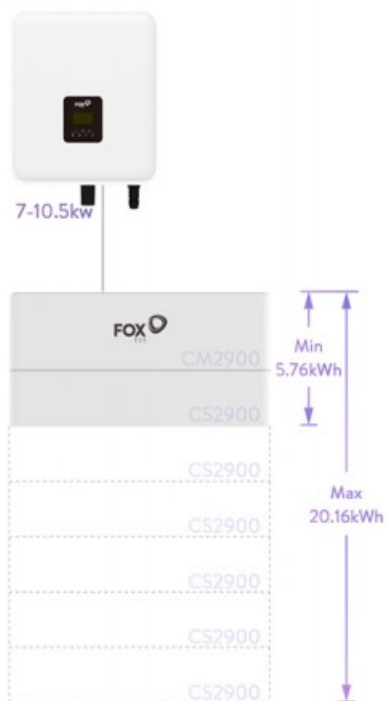
ECS4800-M (CM) and ECS4800-S (CS) are the battery module of ECS4800-Lx (x=2/3/4/5/6/7)

EQ4800-M (EQ-M) and EQ4800-S (EQ-S) are the battery module of EQ4800-Lx (x=2/3/4/5/6/7/8/9)

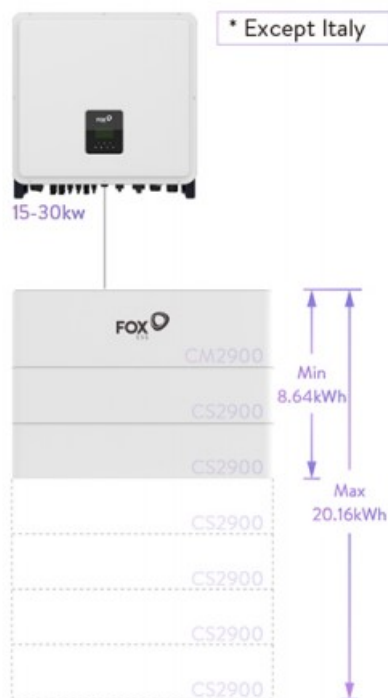
H1 AC1 (G2) + ECS2900



KH KA + ECS2900



H3 PRO + ECS2900

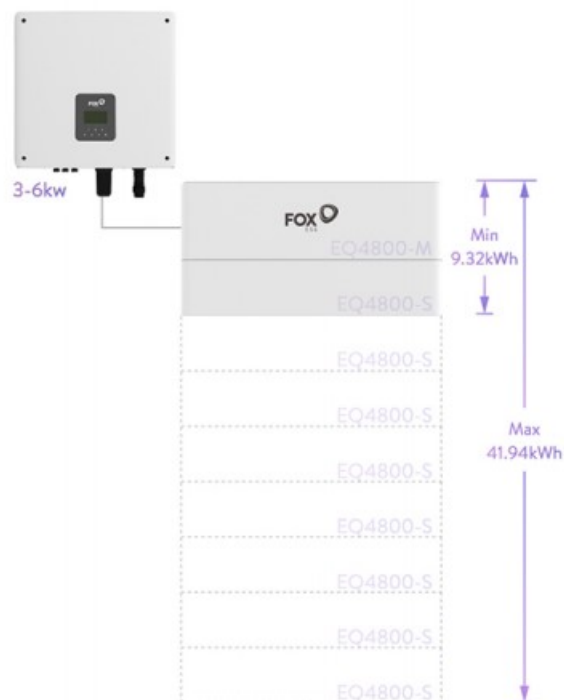


CM2900 (CM) and CS2900 (CS) are the battery module of ECS2900-Hx (x=2/3/4/5/6/7)

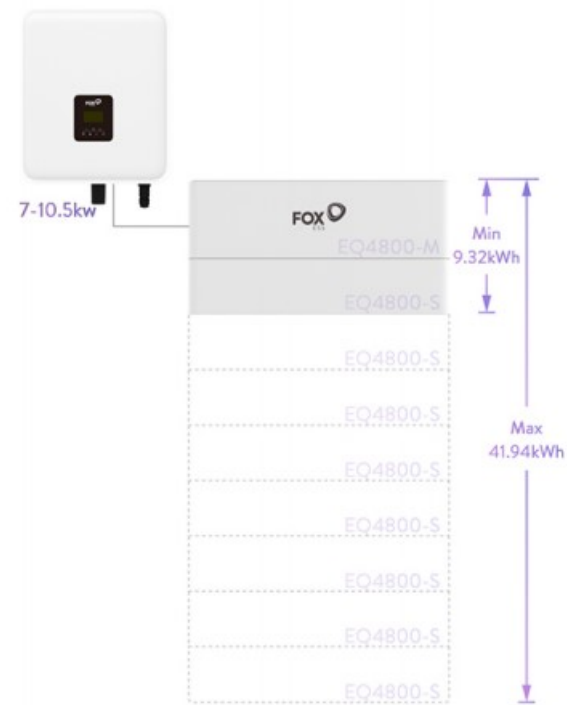
ECS4800-M (CM) and ECS4800-S (CS) are the battery module of ECS4800-Lx (x=2/3/4/5/6/7)

EQ4800-M (EQ-M) and EQ4800-S (EQ-S) are the battery module of EQ4800-Lx (x=2/3/4/5/6/7/8/9)

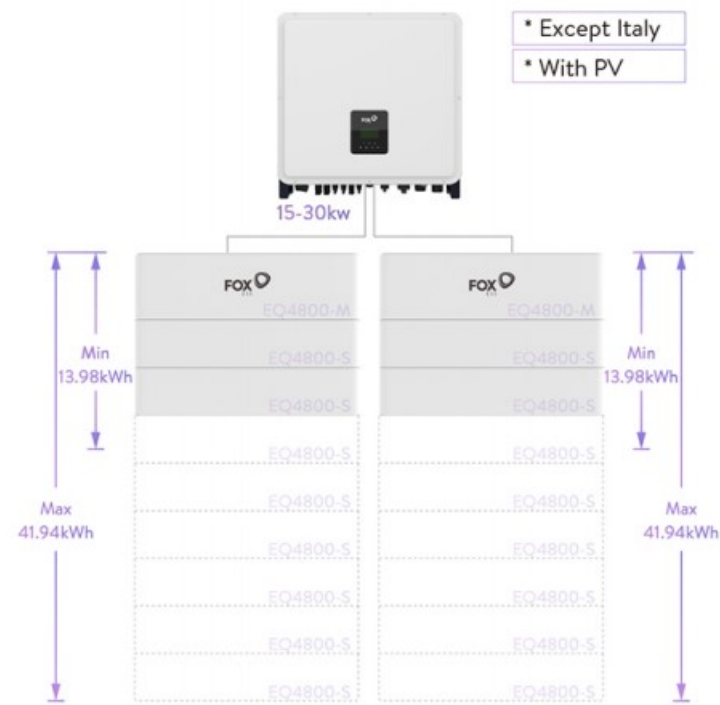
H1 AC1 (G2) + EQ4800



KH KA + EQ4800



H3 PRO + EQ4800



* Except Italy

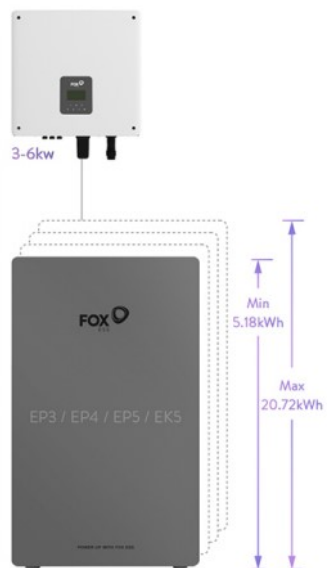
* With PV

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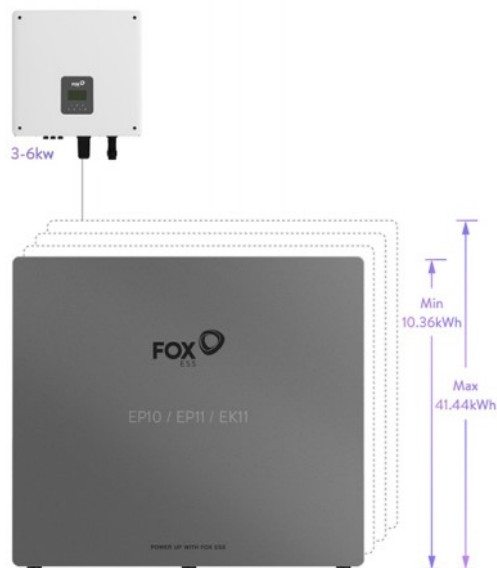
ECS4800-M (CM) and ECS4800-S (CS) are the battery module of ECS4800-Lx (x=2/3/4/5/6/7)

EQ4800-M (EQ-M) and EQ4800-S (EQ-S) are the battery module of EQ4800-Lx (x=2/3/4/5/6/7/8/9)

H1
AC1 (G2) + EP3/EP4/EP5/EK5



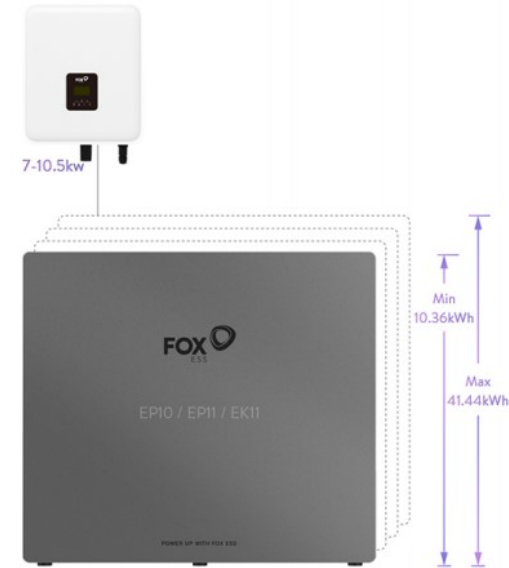
H1
AC1 (G2) + EP10/EP11/EK11



KH
KA + EP3/EP4/EP5/EK5



KH
KA + EP10/EP11/EK11



CM2900 (CM) and CS2900 (CS) are the battery module of ECS2900-Hx (x=2/3/4/5/6/7)

ECS4800-M (CM) and ECS4800-S (CS) are the battery module of ECS4800-Lx (x=2/3/4/5/6/7)

EQ4800-M (EQ-M) and EQ4800-S (EQ-S) are the battery module of EQ4800-Lx (x=2/3/4/5/6/7/8/9)

H3 PRO + (EP3/EP4/EP5/EK5)×2



H3 PRO + (EP10/EP11/EK11)×2



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