

Fox ESS Inverter & Battery Configuration Guide

Inverter + Battery	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	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	2~7	3~8	4~16	2~8	-	\
	HV25	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	2~7	3~8	4~16	2~8	-	\
	CM2800&CS2800	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	(1CM+1CS)-(1CM+6CS)	(1CM+2CS)-(1CM+6CS)	(1CM+3CS)-(2CM+12CS)	(1CM+1CS)-(1CM+6CS)	(1CM+1CS)-(1CM+6CS)	\
	CM2900&CS2900	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	(1CM+1CS)-(1CM+6CS)	(1CM+2CS)-(1CM+6CS)	(1CM+3CS)-(2CM+12CS)	(1CM+1CS)-(1CM+6CS)	(1CM+1CS)-(1CM+6CS)	\
	CM4100&CS4100	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	(1CM+1CS)-(1CM+6CS)	(1CM+2CS)-(1CM+6CS)	(1CM+3CS)-(2CM+12CS)	(1CM+1CS)-(1CM+6CS)	(1CM+1CS)-(1CM+6CS)	\
	CM4300&CS4300	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	(1CM+1CS)-(1CM+6CS)	(1CM+2CS)-(1CM+6CS)	(1CM+3CS)-(2CM+12CS)	(1CM+1CS)-(1CM+6CS)	(1CM+1CS)-(1CM+6CS)	\
	EQ4800/EQ5500	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	(1EQ-M+1EQ-S)-(1EQ-M+8EQ-S)	(1EQ-M+2EQ-S)-(1EQ-M+8EQ-S)	(1EQ-M+3EQ-S)-(2EQ-M+16EQ-S)	(1EQ-M+1EQ-S)-(1EQ-M+8EQ-S)	(1EQ-M+2EQ-S)-(1EQ-M+8EQ-S)	\
	EQ3300/EQ5000	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	(1EQ-M+1EQ-S)-(1EQ-M+5EQ-S)	(1EQ-M+2EQ-S)-(1EQ-M+5EQ-S)	(1EQ-M+3EQ-S)-(2EQ-M+10EQ-S)	(1EQ-M+1EQ-S)-(1EQ-M+5EQ-S)	(1EQ-M+1EQ-S)-(1EQ-M+5EQ-S)	\
	EQ6000 Plus	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	(1EQ-M+1EQ-S)-(1EQ-M+6EQ-S)	(1EQ-M+2EQ-S)-(1EQ-M+6EQ-S)	(1EQ-M+3EQ-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	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	1~4	1~4	1~8	1~4	1~4	\
	EPI1/EPI2/EK11/EK12	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	\
		Battery Qty (Min ~ Max)	1~4	1~4	1~8	1~4	1~4	\
CQ6	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	180 ~ 950	
	Battery Qty (Min ~ Max)	(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	Battery Voltage Range(Vdc)	80 ~ 480	180 ~ 600	150 ~ 800	85 ~ 480	100 ~ 800	180 ~ 950	
	Battery Qty (Min ~ Max)	(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	Battery Voltage Range(Vdc)	-	-	-	-	-	180 ~ 950	
	Battery Qty (Min ~ Max)	-	-	-	-	-	4~45	
AIO			AIO-H1/AIO-AC1 (Battery Qty Min.-Max.)	AIO-H3/AIO-AC3 (Battery Qty Min.-Max.)	PQ1 (Battery Qty Min.-Max.)	PQ3 (Battery Qty Min.-Max.)	PQ1-Plus (Battery Qty Min.-Max.)	PQ3-Plus (Battery Qty Min.-Max.)
	HV2600	Battery Voltage Range(Vdc)			\	\	\	\
		Battery Qty (Min ~ Max)	2~4	4	\	\	\	\
	EQ3300/EQ5000/ TQ5000	Battery Voltage Range(Vdc)			80 ~ 500	80 ~ 500	\	\
		Battery Qty (Min ~ Max)	\	\	2~6	2~6	\	\
	EQ4800/TQ4800/ EQ5500/TQ5500/ EQ5000-P	Battery Voltage Range(Vdc)			80 ~ 500	80 ~ 500	\	\
		Battery Qty (Min ~ Max)	\	\	2~9	2~9	\	\
	CQ7/CQ6.6/DQ6.6	Battery Voltage Range(Vdc)			\	\	50 ~ 500	80~500
Battery Qty (Min ~ Max)		\	\	\	\	1~7	2~7	
Note: If system is installed outside of guidelines for Fox ESS Inverter & Battery Configuration Guide, Fox ESS reserves the right to reject warranty.								