

Manufacturer Declaration of Inverter Battery Compatibility

CQ6 Series

Each inverter model specifies a permissible battery input voltage window. As all battery modules in a string are connected in series, the system requires a defined minimum and maximum number of modules per string to ensure the combined voltage remains within the allowable range.

The following is the composition of the CQ6 series battery system.

Battery Model numbers	CQ6-Lx(x=2~14) consist of 1*CQ6-M and n*CQ6-S (n=1~13)	
	Quantity of CQ6-M	Quantity of CQ6-S
CQ6-L2	1	1
CQ6-L3	1	2
CQ6-L4	1	3
CQ6-L5	1	4
CQ6-L6	1	5
CQ6-L7	1	6
CQ6-L8	1	7
CQ6-L9	1	8
CQ6-L10	1	9
CQ6-L11	1	10
CQ6-L12	1	11
CQ6-L13	1	12
CQ6-L14	1	13

The compatibility for inverters and CQ6 series battery is shown below.

Inverter models	H1-3.0-E-G2	KH7			
	H1-3.7-E-G2	KH8			
	H1-4.6-E-G2	KH9	H3-5.0-Smart		
	H1-5.0-E-G2	KH9.9	H3-6.0-Smart	H3 Pro-15.0	H3-50-Plus
	H1-6.0-E-G2	KH10	H3-8.0-Smart	H3 Pro-20.0	H3-60-Plus
	AC1-3.0-E-G2	KH10.5	H3-9.9-Smart	H3 Pro-25.0	H3-75-Plus
	AC1-3.7-E-G2	KA7	H3-10.0-Smart	H3 Pro-29.9	H3-80-Plus
	AC1-4.6-E-G2	KA8	H3-12.0-Smart	H3 Pro-30.0	H3-100-Plus
	AC1-5.0-E-G2	KA9.9	H3-15.0-Smart	(Battery Qty min.~max.)	H3-125-Plus
	AC1-6.0-E-G2	KA10.5	(Battery Qty min.~max.)		(Battery Qty min.~max.)
	(Battery Qty min.~max.)	(Battery Qty min.~max.)			
Compatible CQ6 battery models			CQ6-L3	CQ6-L3	CQ6-L4
			CQ6-L4	CQ6-L4	CQ6-L5
	CQ6-L2	CQ6-L2	CQ6-L5	CQ6-L5	CQ6-L6
	CQ6-L3	CQ6-L3	CQ6-L6	CQ6-L6	CQ6-L7
	CQ6-L4	CQ6-L4	CQ6-L7	CQ6-L7	CQ6-L8
	CQ6-L5	CQ6-L5	CQ6-L8	CQ6-L8	CQ6-L9
	CQ6-L6	CQ6-L6	CQ6-L9	CQ6-L9	CQ6-L10
	CQ6-L7	CQ6-L7	CQ6-L10	CQ6-L10	CQ6-L11
			CQ6-L11	CQ6-L11	CQ6-L12
			CQ6-L12	CQ6-L12	CQ6-L13
					CQ6-L14

The inverter and battery models mentioned above are all from FOXESS.

Above battery configuration is for single battery string .

* H3 Pro series inverter support maximum 2 strings of batteries connecting to 2 independent battery inputs separately;

**H3 Plus series inverter support maximum 3 strings of batteries connecting to 3 independent battery inputs separately.

Wenzhou, China
PLACE

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DATE

Zhou Yong
Director of Certificate