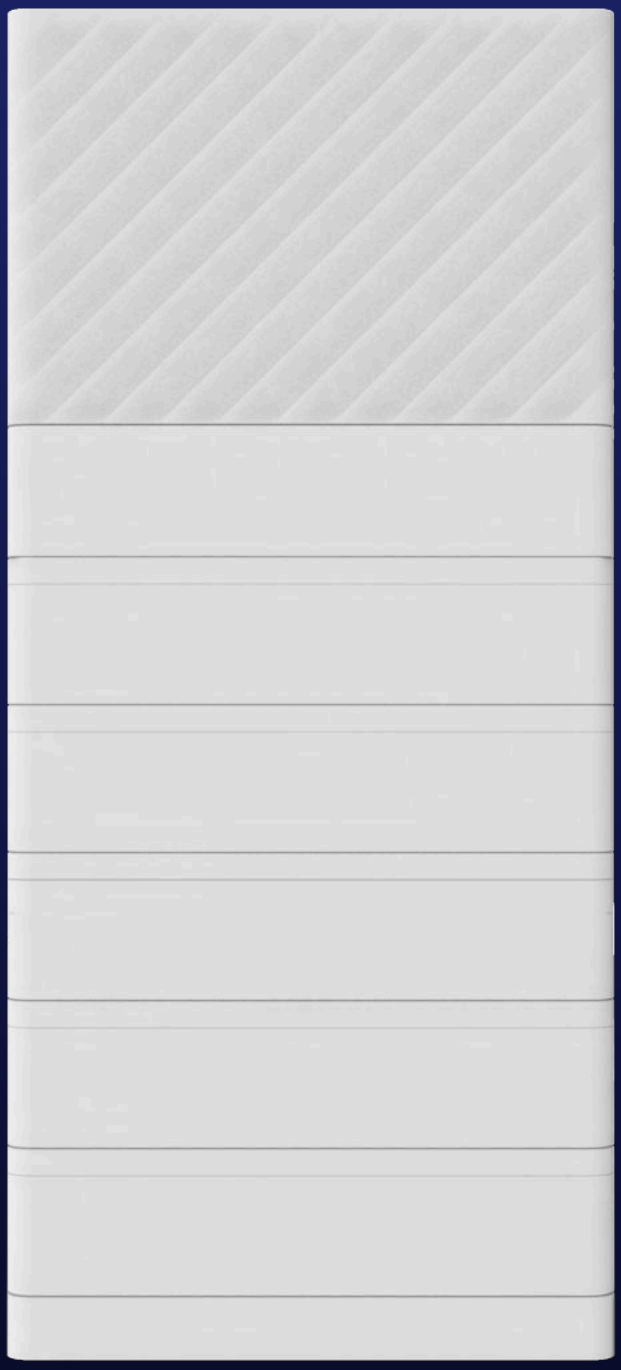
Fox ESS Power Cube

Three phase PQ3–10kW & PQ3–15kW



What we love about the Power Cube

Affordable

Yet it passed our extensive testing. And you'll get a premium install with MC Electrical.

All-in-one

A sleek, compact, modular, expandable design.

High voltage

No inefficient DC-to-DC converters (unlike most all-in-one batteries).

MC electrical
We know Solar

SIMPLIFIED DATASHEET

BATTERY GENERAL DATA	
Battery model	Fox ESS EQ5500 high-voltage
Battery chemistry	Lithium iron phosphate (LFP)
Battery capacity	**5.46kWh** per module
Battery weight	**41kg** per module
Min/max battery modules	**3–9** modules
Battery heat pad (cold climate)	Yes, off by default (enable via app)
Fire suppression	Yes, aerosol in each module



FOX ESS AIRGATE

For increased reliability and flexibility

INVERTER GENERAL DATA	PQ3–10kW	PQ3–15kW
Inverter model	PQ3–10kW hybrid	PQ3–15kW hybrid
Inverter type	Three-phase	
Inverter rated power	**10kW**	**15kW**
Trackers	**3** × 20A MPPTs	
Inverter weight	42.6kg	42.6kg
Cooling method	Natural cooling	Fan cooling
Noise emission (average)	Less than 40dB	Less than 55dB
Display	LED, LCD, app, web platform	
ShadowScan (shade performance)	Yes, every 120 min (adjustable)	
Blackout changeover time	Less than 4ms	
Max. power per phase	3.33kW	4.99kW
Max. solar panels*	**15kW**	**25kW**

*MC Electrical's conservative limit

INVERTER AND BATTERY CONFIGURATIONS	**16.38kWh** 3 modules	**27.3kWh** 5 modules	**38.22kWh** 7 modules	**49.14kWh** 9 modules
Max. battery discharge PQ3–10kW	6.72kW	10kW	10kW	10kW
Max. battery discharge PQ3–15kW	6.72kW	11.2kW	15kW	15kW
System footprint W × D	570 × 380mm (±3mm)			
System height (±3mm/module)	934mm	1208mm	1482mm	1756mm
Total system weight (±5%)	167kg	249kg	331kg	413kg

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