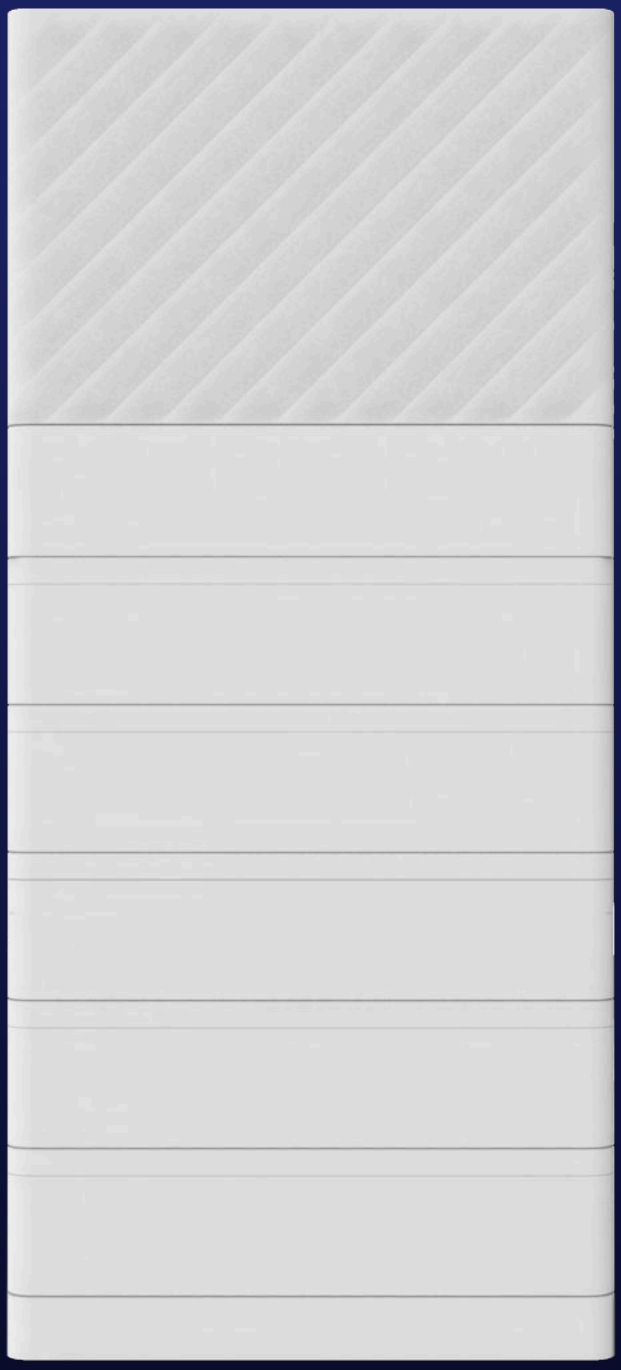
# Fox ESS Power Cube

**Single phase** PQ1–10kW



## 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 | **PQ1–10kW** |
|---|---|
| Inverter model | Fox ESS PowerCube PQ1–10kW hybrid |
| Inverter type | Single phase |
| Inverter rated power | **10kW** |
| Trackers | **4** × 20A MPPTs |
| Inverter weight | 35kg |
| Cooling method | Fan cooling |
| Noise emission (average) | Less than 50dB |
| Display | LED, LCD, app, web platform |
| ShadowScan (shade performance) | Yes, every 120 min (adjustable) |
| Blackout changeover time | Less than 4ms |
| Max. solar panels* | **15kW** |

*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 | 6.72kW | 10kW | 10kW | 10kW |
| 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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