

Battery pack

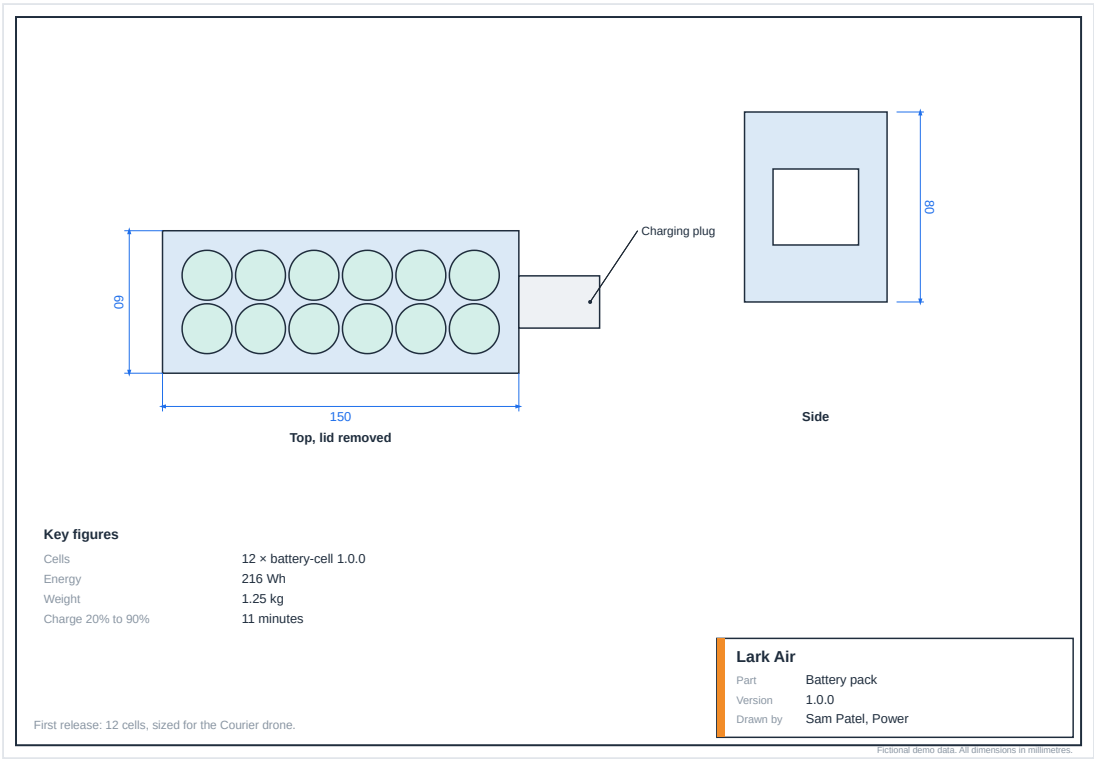
Version 1.0.0 · power/battery-pack · Sam Patel, Power

The drone's battery: a case of battery cells wired together, with the charging plug on the end.

KEY FIGURES

Battery cells	12
Energy stored	216 Wh
Weight	1,250 g
Length	150 mm
Width	60 mm
Height	80 mm
Charge from 20% to 90%	11 minutes

DRAWING



MADE WITH

Package	Version	What it is
power/battery-cell	1.0.0	One rechargeable cell, about the size of a thick marker pen, bought from our supplier Northcell. Battery packs are made of these.
standard-parts/charging-plug	1.0.0	The plug that connects a battery to a charger. Every battery and charger uses this one, so they always fit.
standard-parts/fasteners	1.0.0	The screws, nuts and washers that hold every Lark Air drone and dock together.

TESTS

Test	Result	Measured
Dropped from 1.2 m: no damage	Passed	Case scuffed, cells undamaged
Charges from 20% to 90% in under 15 minutes	Passed	11 minutes
Stays under 60 °C at full power	Passed	Peak 51 °C

VERSIONS

Version	What changed
1.0.0	First release: 12 cells, sized for the Courier drone.

Lark Air · Fictional demo data, not for real use.