FP-01 Field Power Hub

A compact DC power-integration concept for camera and drone ground operations.

IN DEVELOPMENT - for requirements discussion; not a validated or available production unit.



AI exterior concept / not a product photograph

USB-C individual port targets

100W + 45W

Accessory outputs

2 x fixed 12V; current TBD

Provisional dimensions

160 x 105 x 45 mm

Input / total continuous power

To be validated

The intended setup

Power source to FP-01, then to a compatible camera, accessories and an OEM drone charging hub. Battery charging remains with the OEM hub. The concept contains no battery or AC output and is not intended for in-flight power or direct bare-battery charging.

What needs checking before compatibility is confirmed

Exact source, camera, charging hub and accessory models; connector and polarity; power negotiation; simultaneous loads; cable length; mounting and environment. Individual port targets do not guarantee simultaneous output. Available power also depends on the source and thermal limits.

Next step: share your equipment list

Include device models, the actual source port, simultaneous equipment, quantity, destination and target timing. These details support a configuration review. Pricing, sample arrangements and timing are discussed after engineering and supply scope are confirmed.

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