

A battery dock**ABSTRACT**

A battery dock. Embodiments disclosed herein relate to battery systems, and more particularly to docking systems comprising of at least one enclosure and associated electronics for holding at least one battery. Embodiments herein disclose a dock which includes a lid (110), a body (120) and a base (130). The lid (110) is adapted to close an opening defined on one side of the body (120) and the body (120) defines a plurality of mounting points (122) adapted to secure the dock to an external object. Further, the base 130 defines a cavity 134 and includes a Dock Interface Unit (DIU) 132, and a plurality of mounting points 130m. Furthermore, the DIU includes a controller 132c, a filtering circuit 132f, a transceiver 132t, a DC-DC converter 132d, a throttle control circuit 132e and at least one interface 132i.

FIG. 2