

(19) **United States**

(12) **Patent Application Publication**
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(10) **Pub. No.: US 2023/0231389 A1**

(43) **Pub. Date: Jul. 20, 2023**

(54) **POWER SYSTEM INCLUDING A POWER STORAGE**

(52) **U.S. Cl.**

CPC *H02J 3/381* (2013.01); *H02M 3/158* (2013.01); *H02J 2300/28* (2020.01); *H02J 2300/24* (2020.01); *H02J 2207/50* (2020.01); *H02J 2300/30* (2020.01)

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ABSTRACT

A power system may comprise a power system controller and a power storage. The power system controller may comprise a first pair of power terminals, a second pair of power terminals, at least one switch, and a central controller coupled to the at least one switch. The power storage may comprise storage power terminals connected to the first pair of power terminals. The second pair of power terminals may be coupled to a power source. The power system controller may be configured to control the switch to connect and disconnect the second pair of power terminals. The power system controller may be configured to receive power from the power storage during a process of connecting and disconnecting the second pair of power terminals.

(21) Appl. No.: **18/154,232**

(22) Filed: **Jan. 13, 2023**

Related U.S. Application Data

(60) Provisional application No. 63/299,477, filed on Jan. 14, 2022.

Publication Classification

(51) **Int. Cl.**

H02J 3/38 (2006.01)
H02M 3/158 (2006.01)

