

Design and demonstration of micro-scale vacuum cathode arc thruster with inductive energy storage circuit. Yueh Heng Li, Jun You Pan, Georg Herdrich. ... and the ion velocity was 23150 ...

Inductive energy storage is attractive because it has both a high energy storage density and a fast discharge capability. However, to transfer energy from a coil or inductor to a load, an opening ...

When designing the structure of the energy storage inductor, it is necessary to select the characteristic structural parameters of the energy storage inductor, and its spiral ...

The importance of Wireless Power Transfer (WPT) lies in its potential to make a significant contribution to sustainability. Traditional approaches to the distribution of electricity ...

Solid-state Marx generator circuits have been widely studied in recent years. Most of them are based on capacitive energy storage (CES), with the basic principle of charging in parallel and ...

The instability of new energy generation is a great challenge to the construction of new electric power system and the realization of the carbon& #8211;neutral goal. Energy ...

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