

理士12V120AH蓄电池DJM12120S直流屏UPS电源太阳能电力免维护电池

产品名称	理士12V120AH蓄电池DJM12120S直流屏UPS电源太阳能电力免维护电池
公司名称	普达特电源有限公司
价格	690.00/件
规格参数	品牌:理士 型号:12V120AH 产地:中国
公司地址	济南市历下区花园东路3333号祥泰汇东国际大厦2303
联系电话	4008890506 15010900661

产品详情

The effective full electromagnetic transient simulation of new power system not only needs to improve the accuracy and stability level of the basic model, but also needs to solve two major problems: the efficiency of simulating large-scale power grid at ten-thousand-bus level and the accuracy of calculating different power electronic systems with different time scales. Based on the developed high-performance electromagnetic transient simulation platform, the basic idea and the effect for solving the above problems are introduced. The synchronous generator, transmission line and power electronic device are used as the examples to demonstrate the technology breakthrough of the key core models. With the efficient automatic parallel technology as well as the time-domain transformation based large-step electromagnetic transient algorithm, the effective full electromagnetic transient simulation of large-scale power grid with wide-range time scale is realized. The hyper-realtime simulation for main network frame at thousand-bus level and the efficient simulation for power grid at ten-thousand-bus level are realized. Through the multi-rate interface of electromagnetic transient simulation, the platform realizes the spatial multi-rate parallel simulation of large AC network and power electronic system with different simulation time scales. The efficiency and accuracy of the proposed technique are verified by using several examples of super-large-scale power grids at the ten-thousand-bus level, as well as the comparison with the field-recorded disturbance waves in a provincial power grid and a regional power grid.