

Electronic control system of energy storage electric workover rig

Briefing: Electric energy storage workover rig is an integration of application network and electronic technology, super capacitor energy storage and guy line technology, with optimized ...

While electric workover rigs runs, the current of grid-connected transformer is usually over its rated current. It is serious to endanger to its safety operating. The control strategy of super ...

In order to solve problems of electric workover rig, such as rapid decay of lithium battery life, large temperature rise of battery pack, and low efficiency of the power system, the ...

A multi-objective optimization method based on the volume, quality, cost, working life, battery life, energy loss and other performance indicators was proposed, and the ...

An electric workover rig and workover technology, applied in the direction of AC motor control, control system, electrical components, etc., to solve the harmonic problem, solve the problem ...

A technology of electric workover rig and main motor, applied in the direction of electrical components, circuit devices, emergency power supply arrangements, etc., can solve the ...

The electric power system of an electric workover rig has the advantages that the electric power system sufficiently utilizes a well mouth transformer, increases power output capacity through ...

By means of the alternating current bus electronic control system, the existing problems including harmonic waves, load power optimal coordination and distribution, energy feedback, impact of ...

Explore the latest innovations in workover rig technology and what's next for the oil and gas industry. Learn how advancements in automation, safety, and sustainability are ...

[0056] In order to overcome the existing problems of the electric workover rig in the prior art, the embodiment of the present invention proposes an energy storage electric workover ...

The simulation of the super-capacitor energy storage control for electric workover rig is executed. The results verify that the presented control method is correct, feasible and effective.

Diesel and Battery Double Power Workover Rig Truck Munted Drilling Rig for Oil Well Service Electric control and energy storage system: it mainly consists of power control cabinet, power ...

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Energy storage systems are an important component of the energy transition, which is currently planned and launched in most of the developed and developing countries. ...

The efficiency of using a hybrid energy accumulation design is proven; the design calls for joint use of Li-ion cells and supercapacitors, as well as three-level inverters, to control the storage ...

It is an integrated energy storage product for industrial and commercial applications, with integrated battery, BMS, control box and modular PCS highly integrated in the outdoor cabinet, ...

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