

Overview

纲要

With the development of technology and society, people's living standards are improving unceasingly, they need more reliable, secure, uninterrupted power supply that many of them use three power supply.

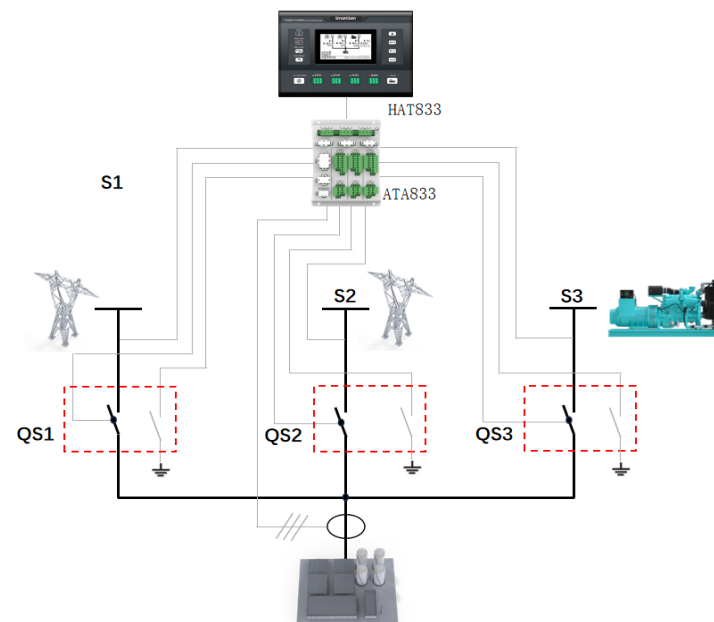
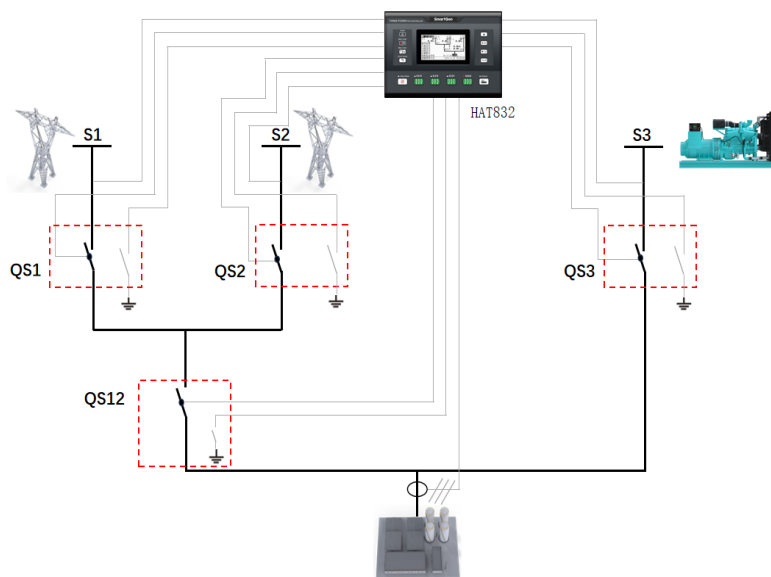
随着科技的进步和社会的发展，人们的生活水平不断地提高，各行业对供电的可靠性、安全性、连续性提出了越来越高的要求，很多场合需要采用三路电源来保证供电的可靠性和连续性。

Under this situation, SmartGen provide high-quality products for reliable, continuous power supply to solve this issue.

SmartGen能够很好地解决上述问题，为可靠、连续地供电提供强有力的保证。

Application

应用方案





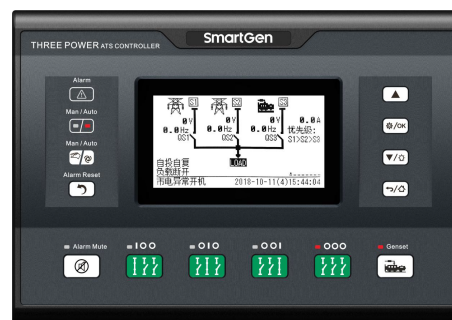
HAT832
三电源自动切换控制器
Three Power ATS Controller

Characteristics:

1. 4.3-inch LCD screen to display, multiple languages to switch;
2. Suitable for Class PC ATSE with two or three contact positions;
3. Overcurrent warning or tripping alarm for S1/S2/S3 circuits respectively;
4. Dual RS485 communication interface to control the start/stop of gensets and opening/closing of ATS remotely;
5. Non-essential load trip function(NEL Trip);
6. Real-time clock display and event log functions to record up to 200 events continuously;
7. Black box log function to record five groups of ATS events continuously;
8. Control two gensets to run into various operation modes, such as cycle operation, main/standby operation and balanced operation;
9. Multiple user-defined functions can be set via eight programmable input ports and twelve programmable output ports;
10. Elevator delay output function;
11. Functions of scheduled run/not run for gensets;

特点：

1. 4.3寸液晶显示，支持多种语言切换；
2. 适用于PC级两段式、三段式；
3. 具有S1/S2/S3独立过流警告或跳闸报警功能；
4. 双路RS485通讯接口，可遥控发电机组开、停机，遥控开关合分闸；
5. 具有非重要负载NEL跳闸功能；
6. 实时时钟显示，具有历史记录功能，可循环记录200条数据；
7. 具有黑匣子功能，可循环记录5组ATS自动切换时的事件；
8. 可控制两台发电机组，实现循环运行、主用运行、均衡时间运行；
9. 8路可编程输入，12路可编程输出，满足多样化功能需求；
10. 具有电梯延时输出功能；
11. 具有对发电机组的定时开机/定时不开机功能。



HAT833/HAT833S
三电源自动切换控制器
Three Power ATSE Controller

Characteristics:

1. 4.3-inch LCD screen to display, multiple languages to switch;
2. Overcurrent warning, tripping alarm and switch tripping alarm for S1/S2/S3 circuits respectively;
3. Dual RS485 communication interface to control the start/stop of gensets and opening/closing of ATS remotely;
4. Four kinds of parallel modes, which can be set separately into manual or automatic parallel mode(HAT833S);
5. Non-essential load trip function(NEL Trip);
6. Local mode to make controller out of control the opening/closing under manual, automatic or remote mode;
7. Real-time clock display and event log functions to record up to 200 events continuously;
8. Black box log function to record five groups of ATS events continuously;
9. Control three gensets to run into various operation modes, such as cycle operation, main/standby operation, balanced operation and load sharing operation;
10. Multiple user-defined functions can be set via eight programmable input ports and twelve programmable output ports;
11. Function of scheduled inspection/not run for gensets;
12. Parallel fault detection function can detect the parallel time of any two switches, if it is over 300ms, alarm will output, and last closed switch will be opened.

特点：

1. 4.3寸液晶显示，支持多种语言切换；
2. 具有S1/S2/S3独立过流警告、跳闸报警和开关脱扣报警功能；
3. 双路RS485通讯接口，可遥控发电机组开、停机，遥控开关合分闸；
4. 具有四种并联模式，可单独设置为手动并联或自动并联(HAT833S)；
5. 具有非重要负载NEL跳闸功能；
6. 具有就地模式，此时控制器手动、自动或遥控模式下不再控制合分闸；
7. 实时时钟显示，具有历史记录功能，可循环记录200条数据；
8. 具有黑匣子功能，可循环记录5组ATS自动切换时的事件；
9. 可控制三台发电机组，实现循环运行、主用运行、均衡时间运行、功率调度运行；
10. 8路可编程输入，12路可编程输出，满足多样化功能需求；
11. 具有对发电机组的定时巡检/定时不开机功能；
12. 具有并联故障检测功能，任意两路开关并联时间超过300ms则报警输出，同时分断最后一个合闸的开关。