

# HAT600P系列

## 双电源智能切换控制器

DUAL POWER ATS CONTROLLER



### 简介

全新外观设计，具有负载电压监测，且通过 UL 认证，适用 PC 级、CB 级、CC 级开关。HAT600PS 可实现并联转换，不间断供电。广泛应用于电信、轨道交通、数据中心、智慧大厦等供电要求高的场合。

### 特点

- 自动和手动并联转换(HAT600PS)
- 自投自复、自投不自复，自复等待时间可设
- 负载电压监测，电池电压检测
- 电梯控制
- 可控制两台发电机组，实现主备开机、循环开机、均衡运行时间开机
- 可监测各相电压(电流)谐波畸变率和3-21奇数次谐波分量百分比
- 就地模式，控制器只显示不控制
- 实时时钟、历史记录(200)、黑匣子
- USB, ETHERNET, RS485多种通信接口
- S1/S2独立过流警告或跳闸报警
- 开关重合闸及断电再扣
- 非重要负载NEL跳闸

### Overview

Brand-new exterior design, and passes the UL Certification. It is suitable for PC-class, CB-class, and CC-class ATS. And the HAT600PS controller can realize parallel transfer and uninterrupted power supply. It can be widely used in telecommunication, rail transport, data centers, smart buildings and other occasions which requires high quality power supply.

### Features

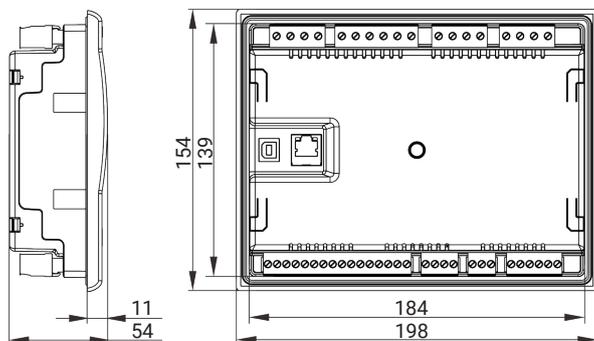
- Auto/manual transfer in parallel (HAT600PS)
- Auto transfer/auto restore, auto transfer/non-auto restore, and auto restore interval can be set
- Load voltage monitoring function, Battery voltage detection function
- Elevator control function
- It can control two gensets to realize operating modes of cycle run, master run, or balanced time run
- It can monitor harmonic distortion rate and 3-21 times odd harmonic component percentage of voltage/current for all phases
- Local mode, which means the controller can only display data parameters, but cannot control the ATS
- Functions of real-time clock, event log (200 records), and black box
- Multiple communication ports, including USB, ETHERNET, and RS485
- Independent overcurrent warning or trip alarm functions for S1/S2
- Switch re-close and breakout re-close functions are fitted
- NEL trip function is fitted



<p><b>电源</b> Power</p>	<p>工作电压: DC(8-35)V AC(90-305)V(A1N1/A2N2供电) (HAT600PB/HAT600PBI/HAT600PS) DC(12-30)V(UL认证) AC(90-300)V (A1N1/A2N2供电)(UL认证) (HAT600PB/HAT600PBI/HAT600PS) 整机功耗: &lt;4W(待机方式: &lt;2W)</p>	<p>Operating Voltage: DC(8-35)V AC(90-305)V(A1N1/A2N2Power Supply) (HAT600PB/HAT600PBI/HAT600PS) DC(12-30)V(UL Certification) AC(90-300)V (A1N1/A2N2供电)(UL Certification) (HAT600PB/HAT600PBI/HAT600PS) Power Consumption: &lt;4W (Standby mode: &lt;2W)</p>															
<p><b>通信接口</b> Communication Port</p>	<p>RS485接口, 隔离, 半双工, 2400/4800/9600/19200波特率可设, Modbus-RTU通信协议, 最远通信距离1000米  ETHERNET接口, 自适应10/100Mbps, Modbus TCP/IP通信协议</p>	<p>RS485 Port: Isolated, half-duplex, 2400/4800/9600/19200 baud rate can be set, Modbus-RTU communication protocol, maximum communication distance 1000m  ETHERNET Port: Self-adaptable 10/100Mbps, Modbus UDP/IP communication protocol</p>															
<p><b>交流电压采样</b> AC Voltage Sampling</p>	<table border="1"> <tr> <td>交流系统 AC System</td> <td>HAT600P/HAT600PI</td> <td>HAT600PB/HAT600PBI/HAT600PS</td> </tr> <tr> <td>三相四线(L-L) 3P4W (L-L)</td> <td>(80-625)V</td> <td>(80-528)V (80-520)V(UL认证)</td> </tr> <tr> <td>三相三线(L-L) 3P3W (L-L)</td> <td>(80-625)V</td> <td>不支持 Not Supported</td> </tr> <tr> <td>单相二线(L-N) 1P2W (L-N)</td> <td>(50-360)V</td> <td>(50-305)V (50-300)V(UL认证)</td> </tr> <tr> <td>两相三线(A-B) 2P3W (A-B)</td> <td>(80-625)V</td> <td>(80-528)V (80-520)V(UL认证)</td> </tr> </table>	交流系统 AC System	HAT600P/HAT600PI	HAT600PB/HAT600PBI/HAT600PS	三相四线(L-L) 3P4W (L-L)	(80-625)V	(80-528)V (80-520)V(UL认证)	三相三线(L-L) 3P3W (L-L)	(80-625)V	不支持 Not Supported	单相二线(L-N) 1P2W (L-N)	(50-360)V	(50-305)V (50-300)V(UL认证)	两相三线(A-B) 2P3W (A-B)	(80-625)V	(80-528)V (80-520)V(UL认证)	
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<p><b>环境</b> Environment</p>	<p>工作温度: (-25~+70)°C 55°C(UL认证) 工作湿度: (20~93)% RH 贮存温度: (-30~+80)°C 防护等级: IP65</p>	<p>Working Temperature: (-25~+70)°C 55°C(UL Certification) Working Humidity: (20~93)% RH Storage Temperature: (-30~+80)°C IP Rating: IP65</p>															
<p><b>结构</b> Structure</p>	<p>外形尺寸: 198 × 154 × 54mm 开孔尺寸: 186 × 141mm</p>	<p>Overall Dimensions: 198 × 154 × 54mm Panel Cutout: 186 × 141mm</p>															
<p><b>认证</b> Certificates</p>	<p>认证: CE、UL</p>	<p>Certification: CE、UL</p>															

● 尺寸 Dimensions

单位(Unit): mm



● 端口 Ports

S1合闸输出 S1 Close Output	S2合闸输出 S2 Close Output	可编程输出口(6) Aux. Output (6)	S1电压采样 S1 Voltage Sampling	S2电压采样 S2 Voltage Sampling		
<div style="border: 1px solid black; padding: 5px; display: inline-block;">ETHERNET (仅HAT600PB/HAT600PS)</div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-top: 10px;">USB</div>						
直流工作电源 DC Power	S1合闸输入 S1 Close Input	S2合闸输入 S2 Close Input	可编程 输入口(4) Aux. Input (4)	RS485	负载电压输入 Load Voltage Input	电流采样 (仅HAT600PI/ HAT600PBI/HAT600PS) Current Sampling (Only for HAT600PI/ HAT600PBI/HAT600PS)