AiSIKAI®
POWER THE FUTURE

PRODUCT DATASHEET

ASKQ8 SERIES
INTELLIGENT DUAL POWER SUPPLY SWITCHING CABINET

SKZ1 SERIES

Outline And Classification

Overall dimensions **H*W*D (mm)**

630A-800A	1000A-1600A	2000A-3200A	3600A-6300A
1600*800*800(Power Cabinet) 1800*800*800(Power Cabinet)	1800*1000*800(Power Cabinet) 2000*1000*800(GGD)	2000*1100*800(GGD)	2000*1300*1100 (GGD Double-door Cabinet)

Mounting method	Floor-mounted (vertical/horizontal installation)
Inlet and outlet wiring method	Bottom

ASKQ8 Series - Control Scheme Selection

Control scheme	SKR4-B/BI (AC230V/AC400V)
Main configuration	Main functions
• ASKQ8 series switch • SKR4-B/BI controller • Miniature circuit breakers (6 units) • AC contactors (4 units, current >20A) • Terminal blocks • A set of wiring harnesses	• Collect and display the load's active power, reactive power, apparent power, power factor, and current; • Equipped with the non-essential load (NEL) tripping function; • Can realize automatic and manual synchronous switching functions, and display the voltage difference, frequency difference, and phase difference between the two power supplies; equipped with functions for overvoltage, undervoltage, overfrequency, underfrequency, phase loss, and reverse phase sequence; • Equipped with a black box function, capable of cyclically recording 5 sets of events during ATS automatic switching; features an isolated RS485 communication interface, adopts the ModBus-RTU communication protocol, and supports remote control, remote signaling, remote measurement, and remote adjustment functions.



Horizontal installation mode



Vertical installation mode

Note:

1.The above configuration is our company's standard configuration. If the float charging function is required, it can be directly added without modifying the electrical drawings or cabinet dimensions.

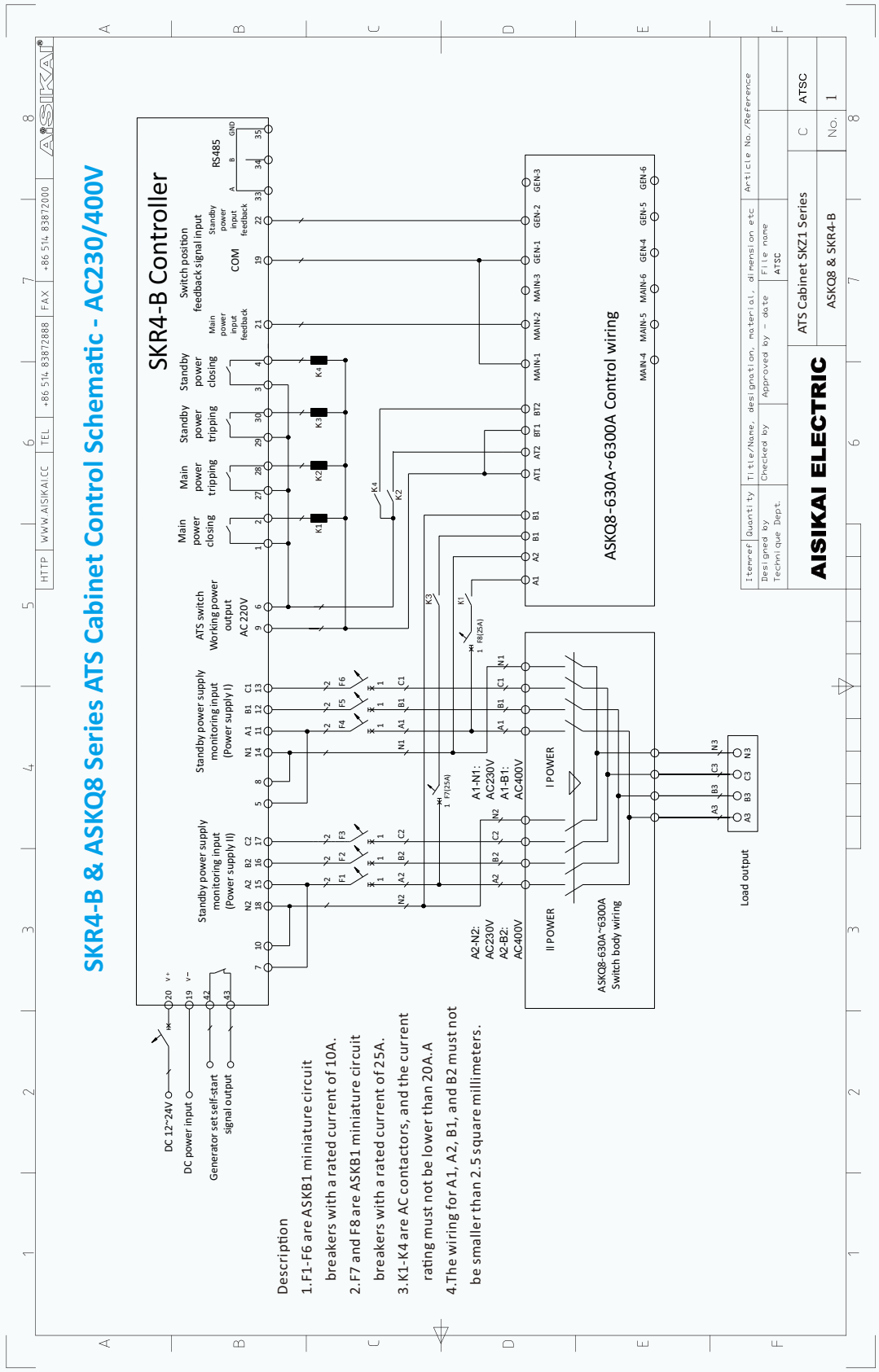
2.On the load side, the outgoing busbar can be extended or additional branch circuit breakers can be added as needed. The control schematic remains unchanged, and the cabinet dimensions can be adjusted based on specific conditions.

3.For special requirements such as rainproof type, double-door design, specific protection ratings, or designated cabinet dimensions, our company also provides customized services while keeping the electrical schematic unchanged.

4.In the case where the controller is provided by the customer, we will separately offer the electrical schematic for reference, with the cabinet dimensions remaining unchanged.

5.For detailed functions of the SKR4 series controller, please refer to our company's "Selection Manual for Intelligent Dual Power Controllers".

Control Schematic Diagram



JIANGSU AISIKAI ELECTRIC CO., LTD.

No. 5 Chuangye Road, Chenji Town, Yizheng City, Jiangsu Province, China
+86 514 8387 2777/2888
sales@aisikai.com
www.aisikaigroup.com

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