

SINEPOWER Rectification Control Board Product List

I. Rectification Power Supply Series: (Items Below are Suitable for Resistive, Inductive and Capacitive Loads):

No.	Item	Type	Display Methods	Processors	Main Circuit Voltage	Load Capacity	Wiring Application	Control Methods	Remark
1	ST10	Single phase 2 pulse control board	Single row 4 bits LED digital tube display	32 bit CPU 12 bit ADC	50V~380V	Under 1000A	AC or full control recitification	Constant current, Constant voltage and open loop adjustment	ST10C is RS485 communication version
2	ST20	Three phase 6 pulse control board	Single row 4 bits LED digital tube display	32 bit CPU 12 bit ADC	50V~380V	Under 600A	Ac control	loop adjustment	ST20C id RS485 communication version
3	ST30	Three phase 6 pulse control board	Single row 4 bits LED digital tube display	32 bit CPU 12 bit ADC	50V~660V	Under 3000A	AC or full control recitification	Constant current, Constant voltage and open loop adjustment	Don't support communication function (can be customized)
4	ST31	Three phase 6 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 3000A	AC or full control recitification	Constant current, Constant voltage and open loop adjustment	Don't support communication function (can be customized)
5	ST32	Three phase 6 pulse control board	Double rows 4 bits LED digital tube display	8 bit CPU 8 bit ADC	AC380V	Under 3000A	AC or full control recitification	Constant current, Constant voltage and open loop adjustment	Don't support communication function
6	ST33	Three phase 6 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 3000A	Semi-control or full control recitification	Constant current, Constant voltage and open loop adjustment	Widely used porduct , ST33C is with RS485 communication function
7	ST34	Three phase 6 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	660V~2000V	Under 3000A	AC or full control recitification	Constant current, Constant voltage and open loop adjustment	1140V medium pressure control, ST34C is RS485 communication version
8	ST35	Three phase double 6 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 3000A	Positice and negative full control reversible	Constant current, Constant voltage and open loop adjustment	ST35C is RS485 communicaiton version
9	ST36	Three phase 12 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 3000A	Full control rectification	Constant current, Constant voltage and open loop adjustment	ST36C is RS485 communicaiton version
10	ST37	Three phase separate methods control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 3000A	Need to used with our driver board	Constant current, Constant voltage and open loop adjustment	Usually used in medium and high pressure occasion

II. Electromagnet Chuck Control Series :

No.	Item	Type	Display Methods	Control Methods	Main Circuit Voltage	Load Capacity	Wiring Application	Working Methods	Remark
1	STA80	Three phase 10 pulse control board	Single row 4 bits LED digital tube display	Full control excitation, semi-control demagnetize	220~380V	Under 1000A	Full control rectification	Strong magnet, excitation and demagnetize	Strong magnet (Default)
2	STA81	Three phase 12 pulse control board	Single row 4 bits LED digital tube display	Full control excitation, full control demagnetize	220~380V	Under 1000A	Full control rectification	Strong magnet, excitation and demagnetize	Strong magnet (Default)
3	STA82	Three phase 10 pulse control board	Single row 4 bits LED digital tube display	Full control excitation, semi-control demagnetize	220~380V	Under 1000A	Full control rectification	Strong magnet, excitation and demagnetize	Adjustable two key excitation
4	STA83	Three phase 10 pulse control board	Single row 4 bits LED digital tube display	Full control excitation, semi-control demagnetize	220~380V	Under 1000A	Full control rectification	Strong magnet, excitation and demagnetize	Adjustable potentiometer excitation
5	STA85	Three phase 10 pulse control board	Single row 4 bits LED digital tube display	Full control excitation, semi-control demagnetize	220~380V	Under 1000A	Full control rectification	Strong magnet, excitation and demagnetize	Strong magnet (Default), Newly design
6	SP810	Three phase 10 pulse control board	Single row 4 bits LED digital tube display	Full control excitation, semi-control demagnetize	220~380V	Under 1000A	Full control rectification	Strong magnet, excitation and demagnetize	Strong magnet (Default), Newly design

III. Battery Charge and Discharge control Series :

No.	Item	Type	Display	Processors	Main Circuit Voltage	Load Capacity	Wiring Application	Working Methods	Remark
1	STB60	Single phase 4 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 1000A	Full control rectification	Charge	
2	STB61	Three phase 6 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 1000A	Full control rectification	Charge	
3	STB63	Three phase 6 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 1000A	Full control rectification	Charge or discharge	External contactor switch to discharge
4	STB65	Three phase double 6 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 1000A	Full control rectification	Charge or discharge	Thyritor control reversible
5	STB66	Three phase 12 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 1000A	Full control rectification	Charge	

IV. Soft Starter Series :

No.	Item	Type	Display Methods	Processors	Main Circuit Voltage	Load Capacity	Wiring Application	Soft Start Methods	Remark
1	STC50	3 phase 6 pulse soft start control board	Single row 4 bits LED digital tube display	32 bit CPU 12 bit ADC	50V~660V	Under 1000A	AC Control	Voltahe ramp, sudden jump or current limit soft start	Suitable for motor under 150KW
2	STC51	3 phase 6 pulse soft start control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 1000A	AC Control	Voltahe ramp, sudden jump or current limit soft start	Suitable for motor under 150KW
3	STC53	3 phase 6 pulse soft start control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 1000A	AC Control	Voltahe ramp, sudden jump or current limit soft start	Suitable for motor upper than 100KW, with power saving control function
4	STC54	3 phase 6 pulse soft start control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	660V~1140V	Under 1000A	AC Control	Voltahe ramp, sudden jump or current limit soft start	Suitable for motor upper than 100KW, medium pressure control

V. DC Motor Speed Adjust and Synchronize Motor Sereis :

No.	Item	Type	Display Methods	Processors	Main Circuit Voltage	Load Capacity	Wiring Application	Working Methods	Remark
1	STD56	3 phase 6 pulse control board	Double row 4 bits LED digital tube display	8 bit CPU 8 bit ADC	AC380V	Under 3000A	Full Control Rectification	Constant Current, constant speed or open loop apeed adjustment function	Suitable for Z4 motor speed adjustment
2	STD57	3 phase 12 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 3000A	Full Control Rectification	Constant Current, constant speed or open loop apeed adjustment function	Suitable for Z4 motor reversible occasion
3	STD58	3 phase 6 pulse control board	LCD Screen Chinese manu display	32 bit CPU 12 bit ADC	50V~660V	Under 3000A	Full Control Rectification	Constant Current, constant speed or open loop apeed adjustment function	Use for synchronize motor control

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