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PSCR-6

SERIES CHARGER

Motive Power

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Product Introduction

PSCR-6 series automatic charger is an advanced hi-tech product with strong functions and smart design. It is featured with small size, light weight, easy operation, high charging efficiency and high reliability. It combines the high frequency technology with micro-processor controlling technology in one unit to reach the best charging result for the battery, effectively to prolong the battery set's working cycle life. All the charging process is automatically executed according to the program without the operator on duty.

Application scenarios

- PSCR-6 series of chargers can charge all kinds of lead acid battery. It can be used for normal charging and maintenance for electric forklift, electric flatbed trucks, electric stacking trucks and sightseeing buses.



Features

- ◆ Charging current, voltage, charging time, ampere-hour and charging step are displayed on the touch screen.
- ◆ Charging process is controlled by microprocessor intelligently.
- ◆ The charger can be charged at constant voltage and constant current. Five steps charging process can be conducted by touch screen.
- ◆ Normal charging function and balanced charging function can be selected through the touch screen. The charger is easy to operate.
- ◆ The charging mode in summer or winter can be selected through the touch screen to ensure the charging efficiency under different ambient temperatures.
- ◆ The normal charging and balanced charging processes can be edited and modified by inputting the operation password.
- ◆ The charger can diagnose the charging fault automatically and display the corresponding alarm information.
- ◆ The charger is provided with phase sequence adaptive function of AC power supply and self-recovery function of AC power supply.
- ◆ Over voltage protection, over current protection, short circuit protection, transformer temperature protection, radiator temperature protection and power supply phase loss protection.
- ◆ The charger can record and query the record of 100 charges. The data includes the date, the voltage at the end of charging and the accumulative capacity of charging.
- ◆ The charger has the function of measuring and displaying the temperature off the battery electrolyte and can provide the battery electrolyte temperature protection function (optional).
- ◆ The system records charging data and can perform recorded data analysis.

Technical parameters

- ◆ Input power supply: 3P 380VAC+PE
- ◆ Working environment temperature: -15°C ~+45°C
- ◆ Environmental relative humidity: ≤95%
- ◆ Protection level: IP21
- ◆ Cooling mode: Natural cooling/forced air cooling
- ◆ Charging mode: Constant current charging and constant voltage charging
- ◆ Charging function: Normal charging, balanced charging, custom charging, summer/winter charging mode
- ◆ Operation display panel: 4.3 inch touch screen, simple operation.

Charge type	Output Current(A)	Output Voltage(V)	Input Voltage(VAC)	AC Frequency(Hz)	Charge time and battery capacity(Ah)11h	Power rating KVA	Characteristic
PSCR6-36/20	20	36V	380VAC±10%	50/60	150-180	1.3	Auto
PSCR6-36/30	30	36V	380VAC±10%	50/60	220-300	2	Auto
PSCR6-36/40	40	36V	380VAC±10%	50/60	320-385	2.6	Auto
PSCR6-36/50	50	36V	380VAC±10%	50/60	360-440	3.24	Auto
PSCR6-36/60	60	36V	380VAC±10%	50/60	450-540	3.89	Auto
PSCR6-36/80	80	36V	380VAC±10%	50/60	585-720	5.18	Auto
PSCR6-36/100	100	36V	380VAC±10%	50/60	760-920	6	Auto
PSCR6-48/20	20	48V	380VAC±10%	50/60	150-180	1.73	Auto
PSCR6-48/30	30	48V	380VAC±10%	50/60	220-300	2.6	Auto
PSCR6-48/40	40	48V	380VAC±10%	50/60	320-350	3.5	Auto
PSCR6-48/50	50	48V	380VAC±10%	50/60	360-440	4.3	Auto
PSCR6-48/60	60	48V	380VAC±10%	50/60	450-540	5	Auto
PSCR6-48/80	80	48V	380VAC±10%	50/60	585-720	6.5	Auto
PSCR6-48/100	100	48V	380VAC±10%	50/60	760-960	7.6	Auto
PSCR6-72/20	20	72V	380VAC±10%	50/60	150-180	2.2	Auto
PSCR6-72/30	30	72V	380VAC±10%	50/60	220-300	3.24	Auto
PSCR6-72/40	40	72V	380VAC±10%	50/60	320-350	4.3	Auto
PSCR6-72/50	50	72V	380VAC±10%	50/60	360-440	5.4	Auto
PSCR6-72/60	60	72V	380VAC±10%	50/60	450-580	6.5	Auto
PSCR6-72/80	80	72V	380VAC±10%	50/60	585-720	8.6	Auto
PSCR6-80/50	50	80V	380VAC±10%	50/60	390-440	6.5	Auto
PSCR6-80/60	60	80V	380VAC±10%	50/60	450-580	7.6	Auto
PSCR6-80/80	80	80V	380VAC±10%	50/60	585-720	11	Auto



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