## HC-PZ series

\*Control power supply specification: ±12V

Saturation current [Is]										
Saturation current [Is]	Туре	HC-PZ050V4B12 HC-PZ100V4B12 HC-PZ150V4B12 HC-PZ200V4B12 HC-PZ250V4B12 HC-PZ350V4B12 HC							HC-PZ400V4B12	
Linearity limits $0 \sim \pm 112.5 \text{A}$ $0 \sim \pm 225 \text{A}$ $0 \sim \pm 337.5 \text{A}$ $0 \sim \pm 450 \text{A}$ $0 \sim \pm 675 \text{A}$ $0 \sim \pm 787.5 \text{A}$ $0 \sim \pm 800 \text{A}$ Rated output [Vh] $\pm 4V \pm 1\%$ Residual output [V0] Within $\pm 50 \text{mV}$ Output linearity Within $\pm 1\%$ Response time Within $10  \mu$ s (The smaller one on either at $di/dt = 100 \text{A} / \mu$ s or $If / \mu$ s.)  Response performance Within $10\%$ Hysteresis Voltage range Within $\pm 20 \text{mV}$ Output Temp. Coef. Within $\pm 4 \text{mV}/^2 \text{C}$ Within $\pm 2 \text{mV}/^2 \text{C}$ Within $\pm 1 \text{mV}/^2 \text{C}$ Control power supply $\pm 12V \pm 5\%$ Consumption current Within $30 \text{mA}$ Operating Temp. $-10^{\circ} \text{C} \sim +85^{\circ} \text{C}$	Rated current [If]	±50A	±100A	±150A	±200A	±250A	±300A	±350A	±400A	
Rated output [Vh] $\pm 4V \pm 1\%$ Residual output [V0] Within $\pm 50 \text{mV}$ Output linearity Within $\pm 1\%$ Response time Within $10  \mu  \text{s}$ (The smaller one on either at $di/dt = 100 \text{A} / \mu  \text{s}$ or $lf / \mu  \text{s}$ .)  Response performance Within $10\%$ Hysteresis Voltage range Within $200 \text{mV}$ Output Temp. Coef. Within $\pm 0.1\% / \text{°C}$ Residual output Temp. Coef. Within $\pm 4 \text{mV} / \text{°C}$ Within $\pm 2 \text{mV} / \text{°C}$ Within $\pm 2 \text{mV} / \text{°C}$ Within $\pm 1 \text{mV} / \text{°C}$ Control power supply $\pm 12V \pm 5\%$ Consumption current Within $30 \text{mA}$ Operating Temp. $-10  \text{°C} \sim +80  \text{°C}$ Strage Temp. $-15  \text{°C} \sim +85  \text{°C}$	Saturation current [Is]	±112.5A							±900A	
Residual output [V0]  Output linearity  Response time  Within 10 μs (The smaller one on either at di/dt=100A/ μs or If/ μs.)  Response performance  Within 10%  Hysteresis Voltage range  Output Temp. Coef.  Residual output Temp. Coef.  Within ±4mV/°C  Within ±2mV/°C  Within ±2v±5%  Consumption current  Within 30mA  Operating Temp.  -10°C~+85°C	Linearity limits	0~±112.5A 0~±225A 0~±337.5A 0~±450A 0~±562.5A 0~±675A 0~±787.5A 0~±8							0~±800A	
Output linearity  Response time  Within $10 \mu$ s (The smaller one on either at di/dt= $100 \text{A}/\mu$ s or $1 \text{f}/\mu$ s.)  Response performance  Within $10 \mu$ s (The smaller one on either at di/dt= $100 \text{A}/\mu$ s or $1 \text{f}/\mu$ s.)  Hysteresis Voltage range  Within $200 \text{mV}$ Output Temp. Coef.  Within $\pm 0.1 \text{k}/^{\circ}\text{C}$ Residual output Temp. Coef.  Within $\pm 4 \text{mV}/^{\circ}\text{C}$ Within $\pm 2 \text{mV}/^{\circ}\text{C}$ Within $\pm 1 \text{mV}/^{\circ}\text{C}$ Control power supply $\pm 12 \text{V} \pm 5 \text{k}$ Consumption current  Within $30 \text{mA}$ Operating Temp. $-10 ^{\circ}\text{C} \sim +80 ^{\circ}\text{C}$ Strage Temp.	Rated output [Vh]	±4V±1%								
Response time Within $10\mu$ s (The smaller one on either at di/dt= $100A/\mu$ s or If/ $\mu$ s.)  Response performance Within $10\%$ Hysteresis Voltage range Within $200mV$ Output Temp. Coef. Within $\pm 0.1\%$ °C  Residual output Temp. Coef. Within $\pm 4mV$ °C Within $\pm 2mV$ °C Within $\pm 2mV$ °C Within $\pm 1mV$ °C  Control power supply $\pm 12V \pm 5\%$ Consumption current Within $30mA$ Operating Temp. $-10$ °C $\sim +80$ °C  Strage Temp.	Residual output [V0]	Within ±50mV								
Response performance  Within 10%  Hysteresis Voltage range  Within 200mV  Output Temp. Coef.  Residual output Temp. Coef.  Within ±0.1%/°C  Within ±2mV/°C  Within ±2mV/°C  Within ±2mV/°C  Within ±1mV/°C   Control power supply  ±12V±5%  Consumption current  Within 30mA  Operating Temp.  -10°C∼+80°C  Strage Temp.	Output linearity	Within ±1%								
Hysteresis Voltage range  Output Temp. Coef.  Residual output Temp. Coef.  Within $\pm 0.1\%$ °C  Within $\pm 2mV$ °C  Within $\pm 2mV$ °C  Control power supply $\pm 12V \pm 5\%$ Consumption current  Within $30mA$ Operating Temp. $-10^{\circ}C \sim +80^{\circ}C$ Strage Temp.	Response time	Within 10 $\mu$ s (The smaller one on either at di/dt=100A/ $\mu$ s or If/ $\mu$ s.)								
Output Temp. Coef. Within $\pm 0.1\%$ °C  Residual output Temp. Coef. Within $\pm 4\text{mV/°C}$ Within $\pm 2\text{mV/°C}$ Within $\pm 2\text{mV/°C}$ Within $\pm 1\text{mV/°C}$ Control power supply $\pm 12\text{V} \pm 5\%$ Consumption current Within $30\text{mA}$ Operating Temp. $-10^{\circ}\text{C} \sim +80^{\circ}\text{C}$ Strage Temp. $-15^{\circ}\text{C} \sim +85^{\circ}\text{C}$	Response performance	Within 10%								
Residual output Temp. Coef. Within $\pm 4\text{mV/°C}$ Within $\pm 2\text{mV/°C}$ Within $\pm 1\text{mV/°C}$ Control power supply $\pm 12\text{V} \pm 5\%$ Consumption current Within $30\text{mA}$ Operating Temp. $-10^{\circ}\text{C} \sim +80^{\circ}\text{C}$ Strage Temp. $-15^{\circ}\text{C} \sim +85^{\circ}\text{C}$	Hysteresis Voltage range	Within 200mV								
Control power supply  ±12V±5%  Consumption current  Within 30mA  Operating Temp.  -10°C~+80°C  Strage Temp.  -15°C~+85°C	Output Temp. Coef.	Within ±0.1%/°C								
Consumption current Within 30mA   Operating Temp10°C∼+80°C   Strage Temp15°C∼+85°C	Residual output Temp. Coef.	Within $\pm 4$ mV/°C Within $\pm 2$ mV/°C Within $\pm 1$ mV/°C								
Operating Temp.         −10°C ~+80°C           Strage Temp.         −15°C ~+85°C	Control power supply	±12V±5%								
Strage Temp. −15°C∼+85°C	Consumption current	Within 30mA								
	Operating Temp.	-10°C∼+80°C								
	Strage Temp.	−15°C~+85°C								
Dielectric withstand voltage 2500V AC 50/60Hz 1minute	Dielectric withstand voltage	2500V AC 50/60Hz 1minute								
Insulation resistance Not less than 500M Ω 500V DC	Insulation resistance	Not less than 500M $\Omega$ 500V DC								

## HC-PZ series

\*Control power supply specification: ±12V

Туре	HC-PZ450V4B12	HC-PZ500V4B12	HC-PZ550V4B12	HC-PZ600V4B12	HC-PZ650V4B12	HC-PZ700V4B12	HC-PZ750V4B12	HC-PZ800V4B12				
Rated current [If]	±450A	±500A	±550A	±600A	±650A	±700A	±750A	±800A				
Saturation current [Is]	±1000A ±1000A ±1000A ±1000A ±1000A ±1000A ±1000A											
Linearity limits	0~±800A	0~±800A 0~±800A 0~±800A 0~±800A 0~±800A 0~±800A 0~±800A										
Rated output [Vh]	±4V±1%											
Residual output [V0]	Within ±50mV											
Output linearity	Within ±1%											
Response time	Within 10 $\mu$ s (The smaller one on either at di/dt=100A/ $\mu$ s or If/ $\mu$ s.)											
Response performance	Within 10%											
Hysteresis Voltage range	Within 200mV											
Output Temp. Coef.	Within $\pm 0.1\%$ /°C											
Residual output Temp. Coef.	Within ±1mV/°C											
Control power supply	±12V±5%											
Consumption current	Within 30mA											
Operating Temp.	−10°C~+80°C											
Strage Temp.	−15°C~+85°C											
Dielectric withstand voltage	2500V AC 50/60Hz 1minute											
Insulation resistance	Not less than 500M Ω 500V DC											