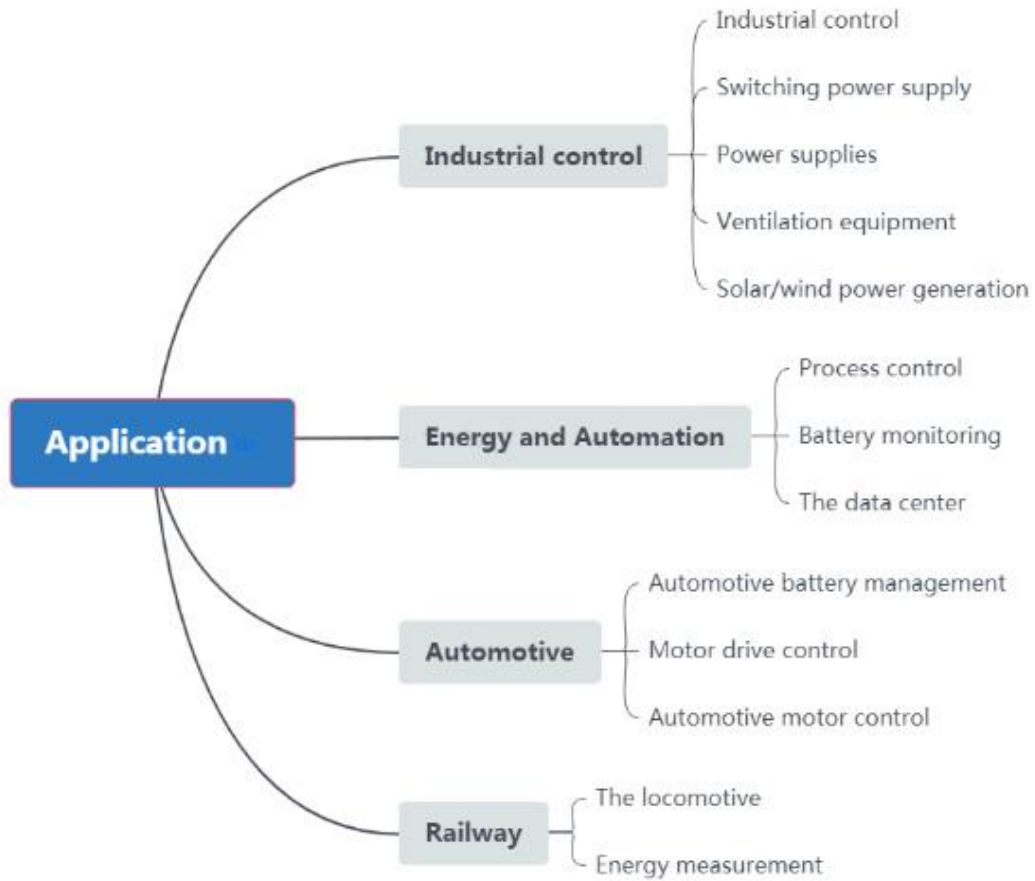


Hall Sensor Solution

Application



Classification

Hall sensors are divided into three categories according to the principle: open loop Hall current sensor, closed loop Hall current sensor, Hall voltage sensor.

Type	Rated Input	Rated Output	Power Supply	Accuracy
Open loop Hall sensor	50A~20000A	5V/4~20mA	±15V/24V	class1
Closed-loop Hall sensor	10A~2000A	50mA/100mA/200mA	±15V	class0.5

Hall voltage
transducer

100V~5000V

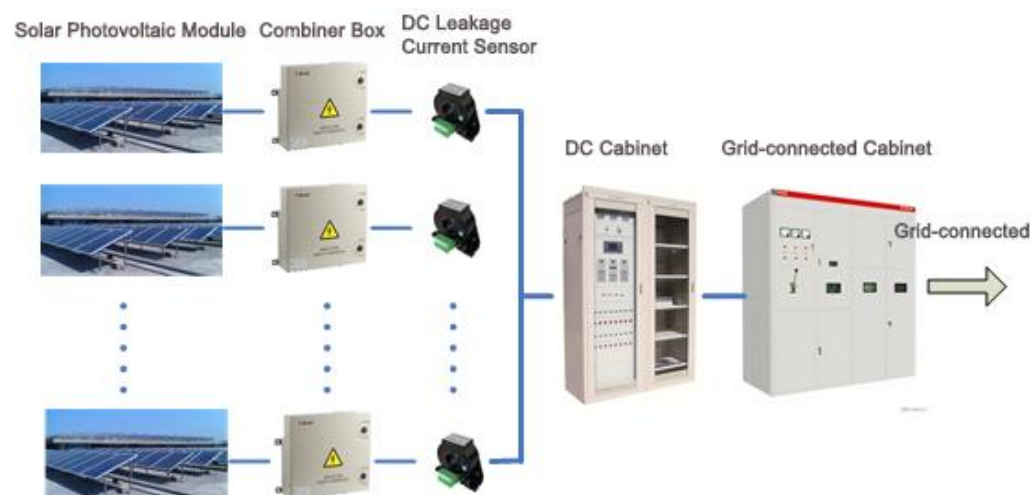
5V/50mA

15V/24V

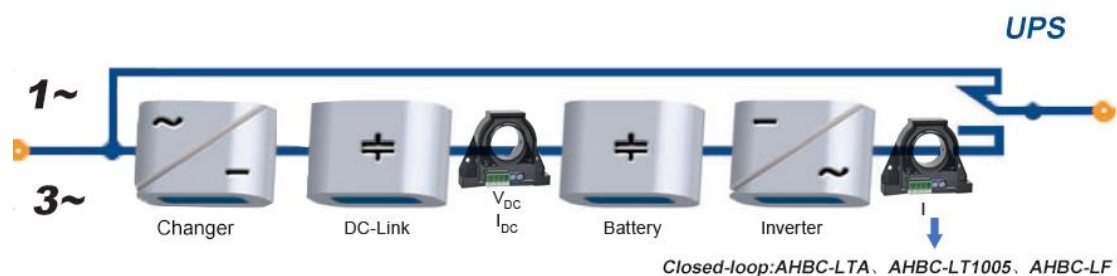
class0.5

Structure

Photovoltaic



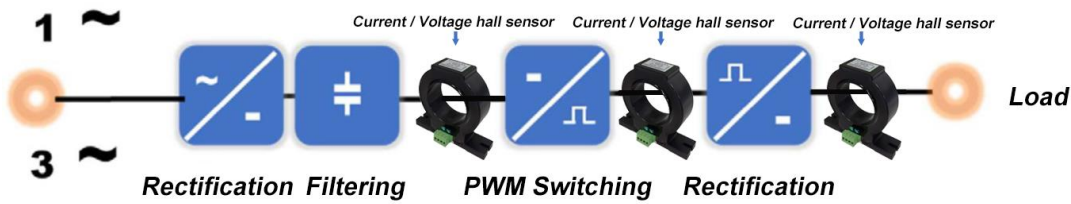
UPS



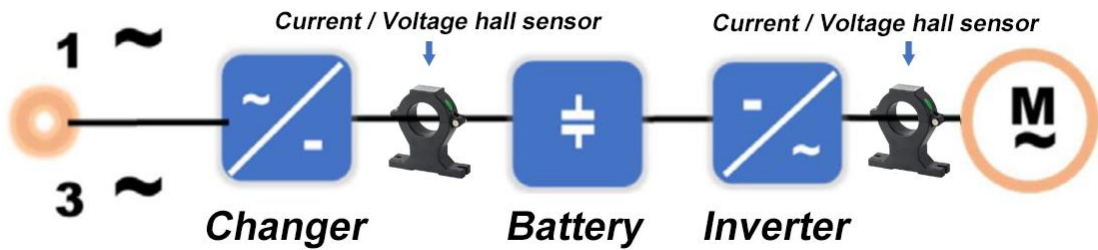
Solar and wind energy



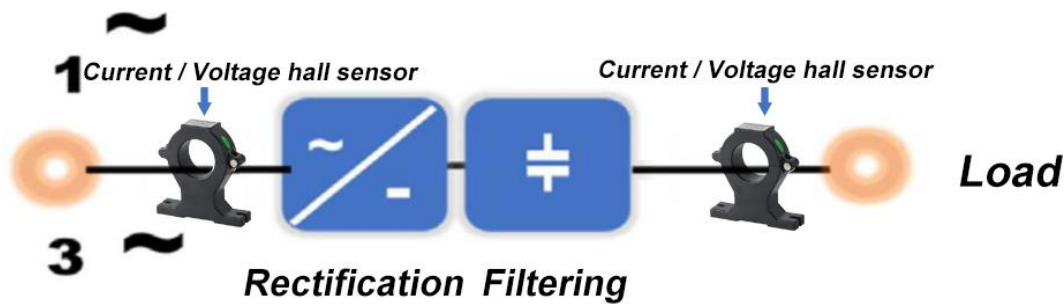
Electric welding machine



Motor servo system



Rectifier



Main Functions

Type	Picture	Function
Open loop Hall sensor		1.Class1 2.Easy installation 3.Input range width : 50A-20000A

		4.Output: 4V/5V/20mA/4-20mA
Closed-loop Hall sensor		1.Class0.5 2.Input : 10A-2000A 3.Fast response time $\leq 1\mu s$ 4.bandwidth : $\leq 100\text{kHz}$
Hall voltage transducer		1.Class0.5 2.Input : 100-5000V 3.Fast response time $\leq 200\mu s$ 4.bandwidth : $\leq 100\text{kHz}$

Certificate

With EMC、CE、RoHs certified.

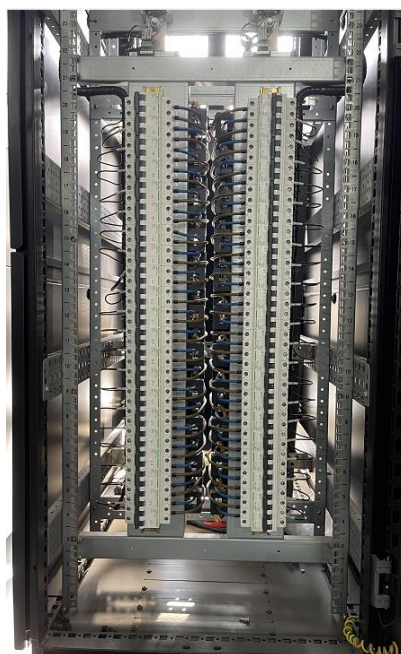
Product Selection

Shape	Type	Rated Input	Rated Output	Measuri ng Apertur e	Power Supply	Applicatio n

	AHKC-EK A	0-(50-500)A	5V/4V	20mm	±15V	1. Photovoltaic DC cabinet 2. photovoltaic inverter/wind inverter 3. The data center
	AHKC-EK AA	DC 0-(50-500)A	4-20mA	20mm	12V/24V	
	AHKC-BS	0-(50-500)A	5V/4V	20.5*10.5mm	±15V	
	AHKC-E	0-(200-500)A	5V/4V	20mm	±15V	
	AHKC-F	0-(200-1000)A	5V/4V	43*13mm	±15V	
	AHKC-K	0-(400-2000)A	5V/4V	64*16mm	±15V	
	AHLCT-LTA	100A-300A	50mA/100mA	20mm	±15V	UPS
	AHBC-LF	2000A	400mA	/	±12V~±24V	1.UPS 2. photovoltaic inverter

	AHBC-LT 1005	1000A	200mA	/	$\pm 12V \sim \pm 24V$	UPS
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Photos on site





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