

# KXAHLX-PY

## 光伏直流汇流箱

Photovoltaic AC  
Combiner box



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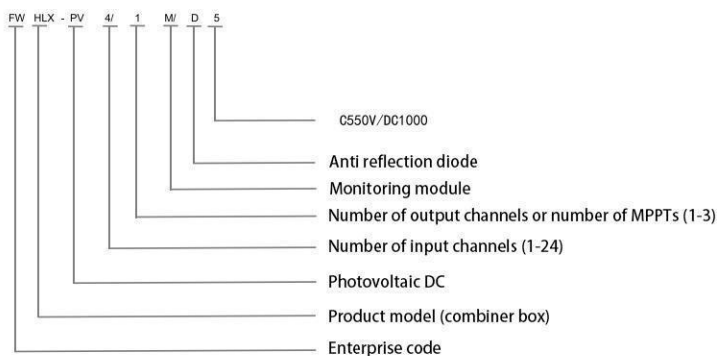
## Photovoltaic AC

### Combiner box

#### 概述 Overview

KXAHLX-PY photovoltaic combiner box is suitable for inverters with a maximum input voltage of DC550V/DC1000V. The box is made of PVC engineering material and has tests for fire resistance, flame retardancy, temperature rise, impact resistance, UV resistance, etc. The protection level reaches | P65, etc. This product is designed and configured strictly in accordance with the requirements of the "Technical Specification for Photovoltaic Convergence Equipment" CGC/GF037:2014, providing users with a safe, concise, aesthetically pleasing and applicable photovoltaic system product.

#### 型号含义 Model meaning



#### 技术参数 Technical Parameters

Project				
电气参数 Electrical parameters	Maximum DC voltage of the system	1000	1000	1000
	Maximum input current per circuit	20A	20A	20A
	Maximum number of input channels	6	6	8
	Maximum output switch current	32A/40A	20A/32A	20A/32A
	Number of MPPT inverters	2	3	2
	Output modes	2	3	2
防雷保护 Lightning Protection	Experimental category	2-pole protection	2-pole protection	2-pole protection
	Nominal discharge current	20KA	20KA	20KA
	Maximum discharge current	40KA	40KA	40KA
	Voltage protection level	3.8KV	3.8KV	3.8KV
	Maximum continuous operating voltage	1050V	1050V	1050V
	Number of poles	3P	3P	3P
	Structural characteristics	Plug and play modules	Plug and play modules	Plug and play modules
防雷特点 Lightning protection characteristics	Protection level	IP65		
	Output switch	DC circuit breaker (standard)/DC rotary isolation switch (optional)		
	SMC4 waterproof joint	Standard configuration		
	Photovoltaic DC fuse	Standard configuration		
	Photovoltaic DC surge protector	Standard configuration		
	Detection module	N		
	Anti reflection diode	N		
	Box material	PVC		
	Installation method	Wall mounted		
	working temperature	-25°C ~ +55°C		
	Altitude	2000 meters		
	Allow relative temperature	0~95% (No condensation)		
	Width * Height * Depth (mm)	400*300*160	500*400*190	500*400*190