

One Giant Leap for Protection Relay Testing

Just as mobile phones have evolved from brick phones to today's Apple smartphones, protection relay test sets have also transformed from traditional, heavy, large devices into the more handheld and powerful KFA320 protection relay tester. This upgrade allows users to easily carry the protection relay tester for on-site testing, significantly improving work efficiency.

From Bricks to Slim: The Evolution of Mobile Phone Design



The Evolution of Relay Testing also towards to handheld and smart.



Traditional protection relay test set



KFA320 mini protection relay tester



KFA320

**3.8kg, class 0.05, 6x20A & 4x300V
IEC61850 testing function**

- Small in size but powerful in performance: iPad size, removable battery, 3.8kg, 10.1-inch touchscreen display, 6x20A & 4x300V.
- Powerful full-featured testing functionality: supporting IEC61850 function, energy meter, low level output, Wifi, GPS etc and adopting 230+ and ever-expanding test templates, supporting XRIO/RIO import for ABB, SIEMENS, SCHNEIDER, GE, ALSTOM, AREVA, SEL, etc.
- High precision output, can be used as a standard source.
- The streamlined internal design and innovative "plug and play" technology of KFA320 not only guarantee its high quality and reliability, but also enable after-sales service to be low cost, easier and faster.

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Main specifications

Voltage Outputs	output power	4x300V ac (L-N)	25VA Max each@300V
		4x300V dc (L-N)	25W Max each@300V
	Accuracy	<0.015%Rd+0.005%Rg Typ. <0.02%Rd+0.03%Rg Guar.	
Current outputs	Output range	6 x 0~20A ac, L-N	100VA Max each@20A
		1 x 0~60A ac, LLL-N	200VA Max @60A
		3 x 0~10A dc, L-N	25W Max each@10A
	Accuracy	<0.015%Rd+0.01%Rg Typ. <0.02%Rd+0.03%Rg Guar.	
Time Synchronization	GPS / BD,IRIG-B	5us	
Inbuilt Battery			
Device Output time in battery mode		10A/2 hours, 5A/4 hours	
Charge time (0-80%)		2h	
Interface port			
RJ45 Ethernet,USB port, WIFI		1 port, 10/100M,USB2.0 x 1	
Operation Control			
Touch Screen & Host Control		10.1 inch touch screen, LCD	
Other information			
Weight		3.8kg	

Optional Functions		
Item	Standard	Optional
IEC61850 SV&GOOSE	-	Optional Support
Energy Meter	-	Optional Support
Low-Level Output	-	Optional Support
IEEE-1588 Synchronize	-	Optional Support
WIFI	Standard	-