

Sigen Power Sensor Product Change Notice(PCN)

Abstract

In order to continue to provide better products and services, Sigenenergy will replace the Sigen Power Sensor. The new and old products are functionally the same and will have no impact on use. To ensure a stable supply, new sensors are sourced from two suppliers, but they are fully identical in functionality. Shipments will be made randomly, and the actual received product shall prevail.

PCN Basic Information

Number	PCN2025010		
Manufacturer	Sigenenergy Technology Co., Ltd.		
Old Product		New Product	
1426000004	Sigen Sensor SP-DH	14370005	Sigen Sensor SP-CT100
1426000005	Sigen Sensor SP-CT120-DH		
1426000003	Sigen Sensor TP-DH	14370006	Sigen Sensor TP-CT100
1426000007	Sigen Sensor TP-CT120-DH		
1426000200	Sigen Sensor TP-CT300-DH	14370007	Sigen Sensor TP-CT300
1426000300	Sigen Sensor TP-CT600-DH	14370008	Sigen Sensor TP-CT600

Note: The switching time varies by region, please check with Sigenenergy sales team during the switching process.

* Built-in CT sensors will no longer be provided.

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Description of Changes

1. Specification

1. New sensors are lighter and smaller than the old ones.

	Old		New	
Weight / kg Dimensions (W / H / D) / mm	Sigen Sensor SP-DH	0.20 36 / 100 / 63	Sigen Sensor SP-CT100	0.07 19 / 94.5 / 68.5 Or 18 / 100 / 65.5
	Sigen Sensor SP-CT120-DH	0.07 18 / 118 / 64		
	Sigen Sensor TP-DH	0.32 72 / 100 / 66	Sigen Sensor TP-CT100	0.08 19 / 94.5 / 68.5 Or 18 / 100 / 65.5
	Sigen Sensor TP-CT120-DH	0.20 72 / 94.5 / 65		
	Sigen Sensor TP-CT300-DH	0.20 72 / 94.5 / 65	Sigen Sensor TP-CT300	0.08 19 / 94.5 / 68.5 Or 18 / 100 / 65.5
	Sigen Sensor TP-CT600-DH	0.23 72 / 94.5 / 65	Sigen Sensor TP-CT600	0.08 19 / 94.5 / 68.5 Or 18 / 100 / 65.5

2. Max. operating current of Sigen Sensor SP-CT100 and Sigen Sensor TP-CT100 is 100A, which can fully cover the existing scenarios.

	Old		New	
Max. operating current / A	Sigen Sensor SP-DH	100	Sigen Sensor SP-CT100	100
	Sigen Sensor SP-CT120-DH	120		
	Sigen Sensor TP-DH	100	Sigen Sensor TP-CT100	100
	Sigen Sensor TP-CT120-DH	120		

3. Faster power refresh rate:
Active power: upgraded from 200ms to 50ms, which enhances the anti-reverse flow speed.
Reactive power: upgraded from 1s to 50ms, which improves the speed of wiring detection.

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2. Appearance of product

Old Product			
Sigen Sensor SP-DH	Sigen Sensor SP-CT120-DH	Sigen Sensor TP-DH	
			
Sigen Sensor TP-CT120-DH	Sigen Sensor TP-CT300-DH	Sigen Sensor TP-CT600-DH	
			
New Product			
Sigen Sensor SP-CT100	Sigen Sensor TP-CT100	Sigen Sensor TP-CT300	Sigen Sensor TP-CT600
 Or 	 Or 	 Or 	 Or 

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3. Appearance of packing

Label of single packing box

Old



Model: Sigen Sensor SP-DH
Product Name: Sigen Power Sensor Single Phase DH
Specification: 176~276 Va.c., 50 Hz/60 Hz, 100 A
Product Date: XXXX/XX/XX

EAN:  6 1976162 690332

PN:  1426000004

SN:  XXXXXX

MADE IN CHINA

New



Model(产品型号): Sigen Sensor SP-CT100
Product Name(产品名称): Sigen Power Sensor Single Phase External CT / 思格功率传感器
Specification(规格): 100~277V, 50/60Hz, 120A/40mA
Product Date(生产日期): 2025/06/03

EAN:  6 978755 780000

PN:  14370005 00

SN:  XXXXXXXX

MADE IN CHINA 中国制造

Label of carton box

Old



Distributor : Sigenenergy Technology Co., Ltd
Manufacturer : Zhejiang Eastron Electronic Co., Ltd
Product No. : XXXXXXXXXX
Product Model : Sigen Sensor SP-DH
Specification : 50-528 Va.c., 50/60 Hz, 3-300 A
Product Date : xxxx/xx/xx
Quantity : xxx pcs

MADE IN CHINA

New



Distributor Sigenenergy Technology Co., Ltd
经销商: 上海思格新能源技术有限公司
Manufacturer: Zhejiang Eastron Electronic Co., Ltd
制造商: 浙江东鸿电子股份有限公司
Product No.(产品编码): 14370005
Model(产品型号): Sigen Sensor SP-CT100
Specification(规格): 100~277V, 50/60Hz, 120A/40mA
Product Date(生产日期): 2025/06/03
Quantity(数量): 18pcs

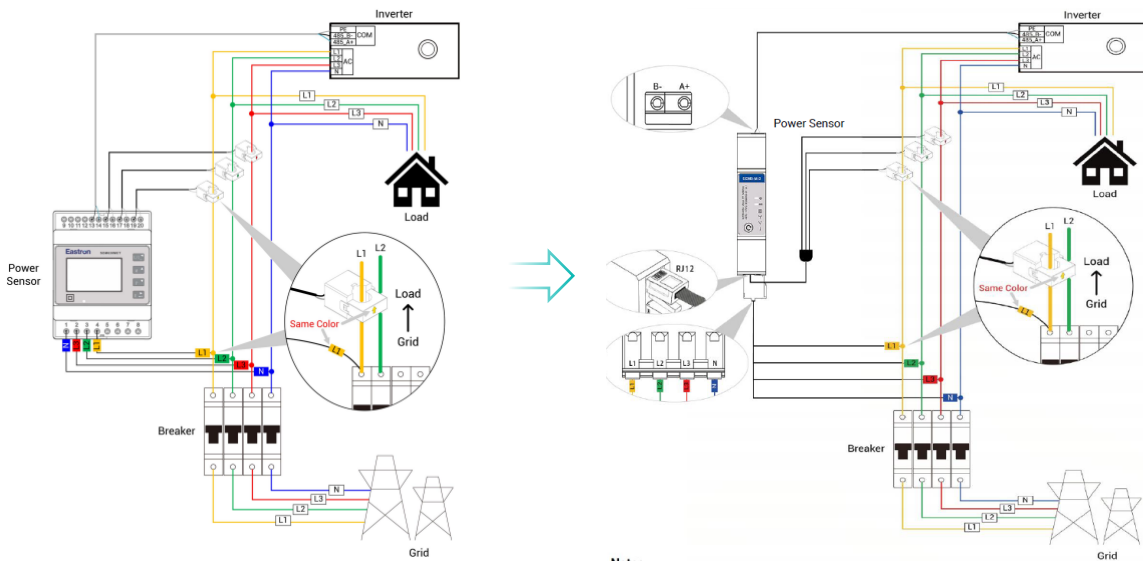
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4. Installation

1. The installation of the new product is simpler.



Please refer to the attached Quick Guide for more information.

2. Previously, in retrofit scenarios, when multiple power sensors were connected, the 485 address could only be modified via the screen. Currently, automatic address allocation is supported, eliminating the need for manual address configuration.

Compatibility

N/A

Affected Documents

Datasheet.
Quick Guide.

Attachments

Datasheet.
Quick Guide.

Contacts

If any question or enquires, please contact us:

sales@sigenenergy.com or service@sigenenergy.com