



CURRENT SENSOR

Application

New Energy

新能源应用



Founded
2013

1200 employees, **200** R&D staff
 全球员工: 1200、技术人员: 200+

1200/200+

xMR device ~ **500** Mpcs/year
 xMR die ~ 5 亿颗/年

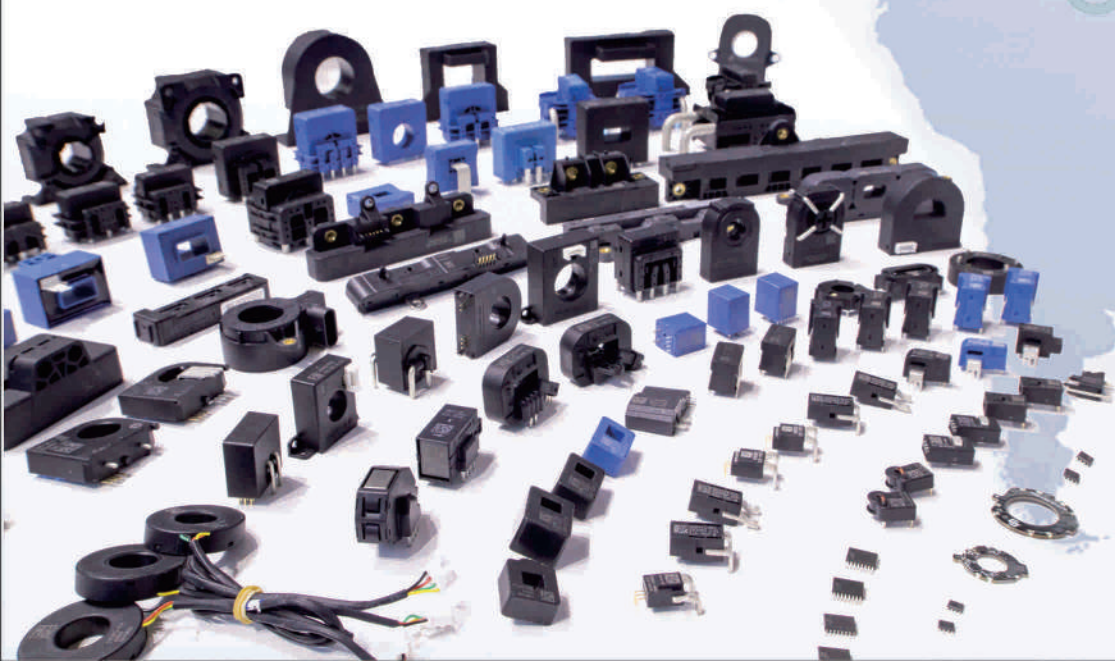
500 Mpcs

Y2022, current sensor production exceeds **100** Mpcs
 2022年, 电流传感器产出突破1亿颗

100 Mpcs

PV industry current sensors: Over 50% market dominance
 Automotive-grade current sensors: 30% global market share
 光伏行业电流传感器的市场占有率超过50%, 汽车行业30%

50%+



SINOMAGS CURRENT SENSOR

Founded in 2013, Sinomags is dedicated to the development and production of magnetic sensors.

We have four subsidiary companies in Germany, Wuxi, Ningbo, and Bengbu. And we have invested in a magnetic encoder R&D and production base in Wuxi.

The company's R&D team consists of more than 200 personnel with a number of experts in the field of magnetism and power electronics as the core, covering the design development and production of the whole industrial chain from xMR wafers to sensor modules.

With the mastery of the core technology of magnetic sensing and continuous innovation, Sinomags is providing more competitive solutions for new energy power generation, new energy vehicles, smart grid, smart home, smart manufacturing and other industries.

希磁科技成立于2013年, 专注于磁性传感器的研发与生产, 融合了设计、研发、生产以及销售于一体的运营模式, 坚持自主创新。

希磁科技在安徽、宁波、无锡和德国设有四家子公司, 并在无锡投资建立了磁性编码器研发生产基地。

希磁科技的产品系列包括: AMR, GMR, TMR晶圆, 磁性传感器芯片, 磁性传感器模组以及磁性检测系统等。

作为一家高新技术企业和国家专精特新小巨人企业, 我们全球的员工人数近1200人, 技术团队由磁学和电力学领域的多名专家领衔, 团队规模达200人。

凭借对磁传感核心技术的深入掌握和持续创新, 希磁科技正为新能源发电、新能源汽车、智能电网、智能家居以及智能制造等行业提供更具竞争力的解决方案, 推动技术进步和发展。



 **Bengbu (Sinomags)**

Headquarter
 Production for Current Sensor

 **Wuxi (Lertech & Esstmags)**

R&D
 Sales Centers

 **Ningbo (Sinomags)**

R&D & Production for Current Sensor

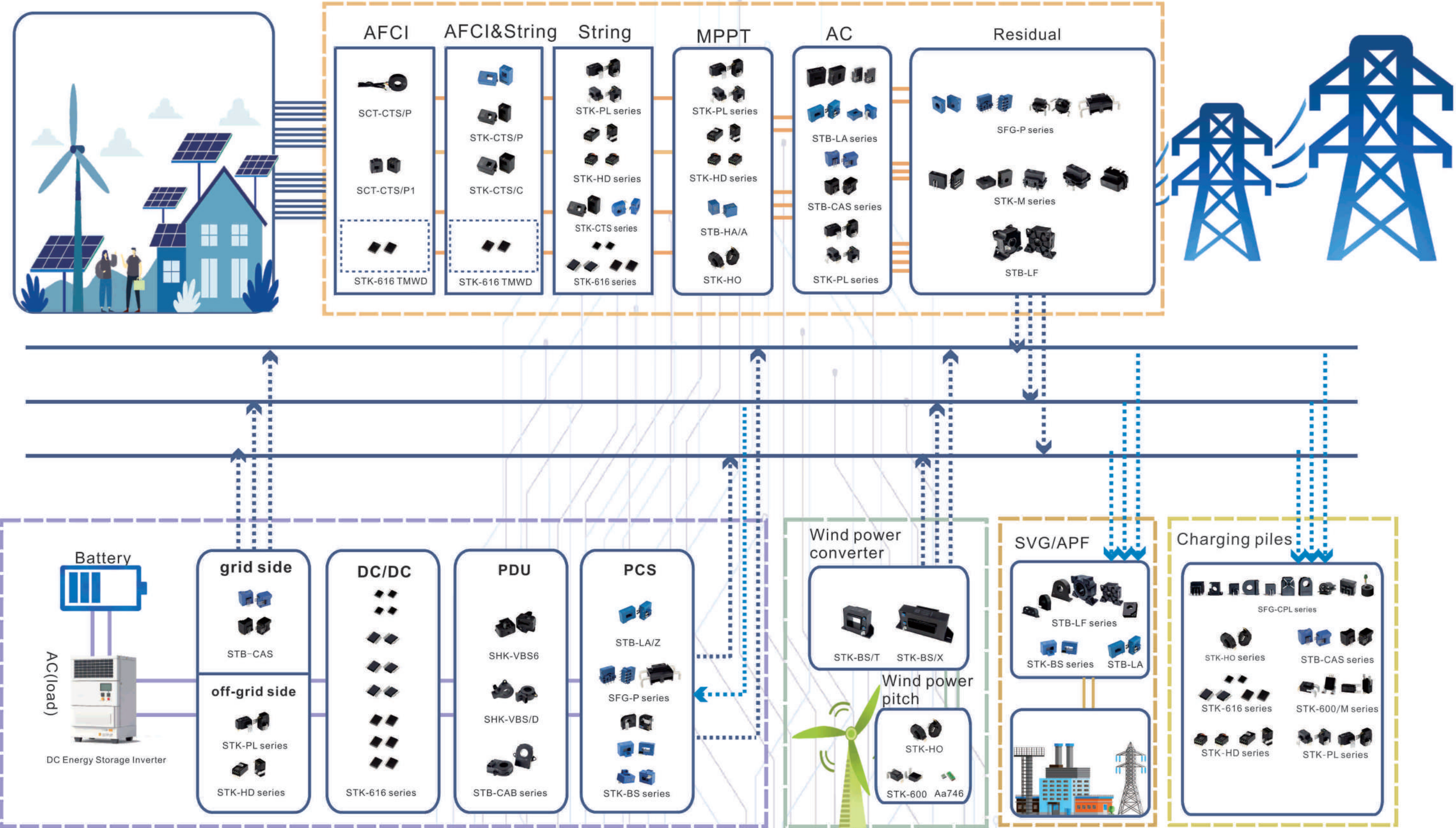
 **Mainz (SENSITEC)**

Waferfab for magnetic sensor

 **Wetzlar (SENSITEC)**

R&D Center for magnetic sensor

NEW ENERGY GENERATION APPLICATION
新能源发电应用



NEW ENERGY GENERATION APPLICATION

新能源发电应用

- Meet the requirements for high pressure and high altitude
- Meet the requirements for high frequency
- Development based on underlying application requirements

满足高压和高海拔应用要求
满足高频应用要求
基于基本应用需求进行开发

◎ AFCI / 拉弧检测

Product	Out						ESD rating(HBM)	Application
	Current	Voltage	Self-inspection Inductance(μH)	Induction coil Inductance(μH)	Self-inspection Resistance(Ω)	Induction coil Resistance(Ω)		
	U _{ESD} (kV)							
SCT-CTS/P1	○		NA	400 ~ 500	NA	0.4 ~ 1	4	AFCI
SCT-CTS/P	○		135 ~ 205	530 ~ 580	0.4 ~ 1	0.8 ~ 2	4	

◎ AFCI & String / 拉弧组串检测

Technology				Type	Out			Vcc (V)	I _{pn} (A)	I _{pm} (A)	UESD (kV)	Ud (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25℃ (%FS)	X _{-T} Range (%FS)	Connction	Application
					Voltage	Digital	Current											
Open-loop			Fluxgate															
Closed-loop																		
O				STK-CTS/C1	O			5	12.8 ~ 16	32 ~ 40	4	4	400	1	1	2 ~ 3	THT	AFCI&String
O				STK-CTS/P	O			5	12.8 ~ 20	20 ~ 50	4	4	400	1	1	2.5	THT	
O				STK-CTS/P5	O			5	10 ~ 20	25 ~ 50	4	4	400	1	0.8	1.5 ~ 3	THT	
O				STK-CTS/P6	O			5	25 ~ 40	25 ~ 40	4	4	400	1	1	2.5	THT	
O				STK-CTS/PR	O			5	50	50	4	4	400	1	1.5	2.5	THT	
O				STK-CTS/CB	O			5	32	32	4	4	400	1	1	3	THT	
O				STK-CTS/C4	O			5	32	32	4	4	400	1	1	3	THT	
O				STK-CTS/CE	O			5	50	50	4	4	400	1	1	3	THT	
O				STK-CTS/CC	O			5	50	50	4	4	400	1	1	3	SMT	
O				STK-CTS/A1	O			5	25	25	4	4	180	1	1	2.5	THT	
O				STK-616TMW	O			3.3, 5	20 ~ 65	20 ~ 65	4	3.6	600	0.2	1.5	3.5	SMT	
O				STK-616TMWD	O			3.3, 5	20 ~ 65	1, 20 ~ 65	8	5	600	0.2	1.5	3.5	SMT	



SCT-CTS/P1



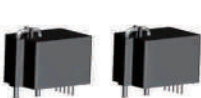
SCT-CTS/P



STK-CTS/C1



STK-CTS/P5, P6, PR



STK-CTS/CB



STK-CTS/CC, C4



STK-CTS/CE



STK-CTS/A1

◎ Strig / 组串电流检测

Technology				Type	Out			Vcc (V)	I _{pn} (A)	I _{pm} (A)	UESD (kV)	Ud (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25°C (%FS)	X _T Range (%FS)	Connction	Application
					Voltage	Digital	Current											
Open-loop																		
Closed-loop																		
Fluxgate																		
O				STK-CTS/W	O			5	15 ~ 25	15 ~ 25	4	4	400	1	1	2	THT	String
O				STK-CTS/W1	O			5	25	25	4	4	3.5	120	1	2	THT	
O				STK-616AM	O			3.3, 5	25 ~ 100	25 ~ 100	4	4	600	0.9	1.5	3.5	SMT	
O				STK-616AM3	O			3.3, 5	50 ~ 180	50 ~ 180	4	4	600	0.9	1	3.5	SMT	
O				STK-616AM5	O			3.3, 5	20 ~ 200	20 ~ 200	4	4	600	0.9	1.5	3.5	SMT	
O				STK-616AM8	O			3.3, 5	50 ~ 133	50 ~ 133	4	4	600	0.9	1	3.5	SMT	
O				STK-616BML	O			3.3, 5	6.5 ~ 65	6.5 ~ 65	4	3.6	600	0.9	1.5	3.5	SMT	
O				STK-616DML	O			3.3, 5	6 ~ 25	14.5 ~ 75	4	3.6	600	0.9	1.5	3.5	SMT	
O				STK-616HML	O			3.3, 5	10 ~ 30	25 ~ 75	4	3.6	600	0.9	1.5	3.5	SMT	
O				STK-616KMF	O			3.3, 5	20 ~ 65	20 ~ 65	4	3.6	1500	0.2	1.5	3.5	SMT	
O				STK-616TML	O			3.3, 5	10 ~ 133	10 ~ 133	4	3.6	600	0.9	3.5	3.5	SMT	
O				STK-616TMF	O			3.3, 5	10 ~ 65	10 ~ 65	4	3.6	1500	0.2	1.5	3.5	SMT	
O				STK-616TMF5	O			3.3, 5	10 ~ 133	10 ~ 133	4	3.6	1500	0.6	1.5	3.5	SMT	
O				STK-616TMM	O			3.3, 5	20 ~ 65	20 ~ 65	4	3.6	600	0.2	1.5	3.5	SMT	
O				STK-616TMW	O			3.3, 5	20 ~ 65	20 ~ 65	4	3.6	600	0.2	1.5	3.5	SMT	
O				STK-616TMWD	O			3.3, 5	20 ~ 65	1, 20 ~ 65	8	5	600	0.2	1.5	3.5	SMT	
O				STK-616ZMF	O			3.3, 5	10 ~ 65	10 ~ 65	2	3.6	2000	0.05	1.5	3.5	SMT	
O				STK-616YML	O			3.3, 5	20 ~ 50	20 ~ 50	4	2.1/2.4	400	1	1.5	3.5	SMT	
O				STK-PL/A	O			5	10 ~ 50	25 ~ 125	5	4	400	1.5	1	2	THT	
O				STK-PL/M	O			5	80 ~ 180	200 ~ 450	5	4	500	0.4	1	2	THT	
O				STK-PL/M2	O			5	80 ~ 180	200 ~ 450	5	4	300	1.5	1	2	THT	
O				STK-PL/Z	O			3.3, 5	50 ~ 180	125 ~ 450	4	5	400	1.5	1	2	THT	
O				STK-HD/P	O			5, 3.3	5 ~ 30	12.5 ~ 75	4	4	600	1	1	3	THT	
O				STK-HD/K	O			5	20 ~ 50	50 ~ 100	4	4	600	1	0.8	1.5	THT	



STK-616TMW, TMWD



STK-CTS/W & W1



STK-616AMx



STK-616xM



STK-PL/A



STK-PL/M, M2, /Z



STK-HD/P



STK-HD/K

◎ MPPT / 光伏逆变器 MPPT

Technology	Type			Out			Vcc (V)	I _{pn} (A)	I _{pm} (A)	UESD (kV)	Ud (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25°C (%FS)	X _{-T} Range (%FS)	Connction	Application
				Voltage	Digital	Current											
Open-loop	Closed-loop	Fluxgate															
O			STK-HO	O			5	60 ~ 150	150 ~ 375	4	4	200	2	1.5	3		MPPT
O			STK-HO/2	O			5	60 ~ 250	150 ~ 625	4	4.3	200	1.5	1	3		
O			STK-HO/4	O			5	50 ~ 250	125 ~ 625	4	4.3	200	1.5	1	3		
O			STK-HO/1	O			5	100 ~ 200	300 ~ 600	4	4.3	200	2	1	3		
O			STK-HO/P	O			5	50 ~ 400	150 ~ 600	4	4.3	50	5	1	3		
O			STK-HO/B	O			5	50 ~ 180	125 ~ 350	4	4	1000	0.2	1	3		
O			STK-200HO/YS	O			5	±200	1250	4	5.4	180	3	3.3	4		
O			STK-500HO/YS	O			5	±500	1250	4	5.4	180	3	3.3	4		



STK-HO



STK-HO/2



STK-HO/1&4



STK-HO/P



STK-HO/B



STK-HO/YS

⊙ MPPT / 光伏逆变器 MPPT

Technology		Type	Out		Vcc (V)	I _{pn} (A)	I _{pm} (A)	UESD (kV)	Ud (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25℃ (%FS)	X _T Range (%FS)	Connction	Application
Open-loop	Closed-loop		Voltage	Current											
O		STB-HA	O		±15	3~40	9~120	4	4	150	1.5	0.8	0.8	THT	MPPT
O		STB-HA/A	O		±15	10~60	30~180	4	4	150	1.5	0.8	0.8	THT	
O		STB-HA/Y	O		±15	50	150	4	4	150	1.5	0.8	0.8	THT	
O		STB-25HA1	O		±15	25	75	4	NA	150	1.5	1.5	1.5	THT	
O		STB-50HA7	O		±15	50	150	4	NA	150	1.5	1.5	1.5	THT	
O		STK-HD/P	O		5, 3.3	5~30	12.5~75	4	4	600	1	1	3	THT	
O		STK-HD/S	O		5	3~10	7.5~25	4	4	800	0.4	0.8	1.5	THT	
O		STK-HD/C	O		5	20~40	NA	4	4	400	1	1	3	THT	
O		STK-HD/K	O		5	20~50	50~100	4	4	600	1	0.8	1.5	THT	
O		STK-HD/KA	O		5	20~50	50~100	4	4	600	1	0.8	1.5	THT	
O		STK-HD/KS	O		3.3	20~50	50~100	4	4	600	1	0.8	1.5	THT	
O		STK-HD/P1/x	O		5	20~30	20~50	4	4	600	1	1	3	THT	
O		STK-HD/P3	O		5	20	20	4	4	600	1	1	3	THT	
O		STK-HD/P4	O		5	20	50	4	4	600	1	1	3	THT	
O		STK-HD/SG	O		5	15	NA	4	4	600	0.4	0.8	1.5	THT	
O		STK-HD/P/G	O		5	5~30	12.5~75	4	4	1000	0.5	1	3	THT	
O		STK-PL	O		5	10~50	25~125	5	4	400	1.5	1	3	THT	
O		STK-PL/A	O		5	10~50	25~125	5	4	400	1.5	1	2	THT	
O		STK-PL/Q	O		5	50	50	5	4	300	1.5	1.5	3	THT	
O		STK-PL/M	O		5	80~180	200~450	5	4	500	0.4	1	2	THT	
O		STK-PL/M2	O		5	80~180	200~450	5	4	300	1.5	1	2	THT	
O		STK-PL/P1	O		3.3	10~50	30~150	5	4	400	1.5	1	2	THT	
O		STK-PL/AH1	O		5	10~50	25~125	5	4	400	1.5	1	2	THT	
O		STK-PL/Z	O		3.3, 5	50~180	125~450	4	5	400	1.5	1	2	THT	
O		STK-50PL/Z1	O		5	50	150	4	5	400	1.5	1	3	THT	
O		STK-100PL/Z2	O		5	100	200	4	5	400	1.5	1	3	THT	
O		STK-50PL/Z3	O		3.3	50	150	4	5	400	1.5	1	3	THT	
O		STK-200PL/Z	O		5	200	500	4	5	300	1.5	1	2	THT	
O		STK-616AM	O		3.3, 5	25~100	25~100	4	4	600	0.9	1.5	3.5	SMT	
O		STK-616AM3	O		3.3, 5	50~180	50~180	4	4	600	0.9	1	3.5	SMT	
O		STK-616AM5	O		3.3, 5	20~200	20~200	4	4	600	0.9	1.5	3.5	SMT	
O		STK-616AM8	O		3.3, 5	50~133	50~133	4	4	600	0.9	1	3.5	SMT	
O		STK-616BML	O		3.3, 5	6.5~65	6.5~65	4	3.6	600	0.9	1.5	3.5	SMT	
O		STK-616DML	O		3.3, 5	6~25	14.5~75	4	3.6	600	0.9	1.5	3.5	SMT	
O		STK-616HML	O		3.3, 5	10~30	25~75	4	3.6	600	0.9	1.5	3.5	SMT	
O		STK-616KMF	O		3.3, 5	20~65	20~65	4	3.6	1500	0.2	1.5	3.5	SMT	
O		STK-616TML	O		3.3, 5	10~133	10~133	4	3.6	600	0.9	3.5	3.5	SMT	
O		STK-616TMF	O		3.3, 5	10~65	10~65	4	3.6	1500	0.2	1.5	3.5	SMT	
O		STK-616TMF5	O		3.3, 5	10~133	10~133	4	3.6	1500	0.6	1.5	3.5	SMT	
O		STK-616TMM	O		3.3, 5	20~65	20~65	4	3.6	600	0.2	1.5	3.5	SMT	
O		STK-616TMW	O		3.3, 5	20~65	20~65	4	3.6	600	0.2	1.5	3.5	SMT	
O		STK-616TMWD	O		3.3, 5	20~65	1, 20~65	8	5	600	0.2	1.5	3.5	SMT	
O		STK-616ZMF	O		3.3, 5	10~65	10~65	2	3.6	2000	0.05	1.5	3.5	SMT	
O		STK-616YML	O		3.3, 5	20~50	20~50	4	2.1/2.4	400	1	1.5	3.5	SMT	



⊙ AC / 交流检测

Technology		Type	Out		Vcc (V)	I _{pn} (A)	I _{pm} (A)	UESD (kV)	Ud (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25℃ (%FS)	X _T Range (%FS)	Connction	Application
Open-loop	Closed-loop		Voltage	Current											
O		STB-CAS/x	O		5	15~75	51~220	4	5	400	0.3	0.8	2.5	THT	AC
O	O	STB-CAS/F	O		5	6~75	20~220	4	5	400	0.3	0.8	1.4	THT	
O	O	STB-CAS/FA	O		5	6~75	20~220	4	4	400	0.3	0.8	1.1	THT	
O	O	STB-CAS/K-FC	O		5	25~50	85~150	4	4	400	0.3	0.8	1.1	THT	
O		STB-CAS/RH	O		5	25	85	4	4	400	0.3	0.8	1.15	THT	
O		STB-CAS/FB		O	5	25	50.1	4	8	200	1	0.5	0.5	THT	
O		STB-LA		O	±12~±15	50~150	200~240	4	4	150	0.5	0.5	0.5	THT	
O		STB-LA/N1		O	±12~±15	25~100	55~200	4	4	150	0.5	NA	0.5	THT	
O		STB-LA/A		O	5	25	25	4	4	200	0.3	10	10	THT	
O		STB-LA/B		O	±12 or ±15	100	188, 236	NA	1.8	200	1	0.1	0.1	THT	
O		STB-LA/D		O	±12~±15	25~100	55~175	4	4	150	0.5	0.5	1.5	THT	
O		STB-LA/DF		O	±12~±15	25~100	55~175	4	5	150	0.5	0.5	NA	THT	
O		STB-50LA/DH		O	±12~±15	50	128	4	4	150	0.5	0.3	0.3	THT	
O		STB-LA/E		O	±15	200	NA	NA	3	100	1	0.5	0.6	THT	
O		STB-LA/F		O	±15	230	425, 220	NA	3	100	1	0.5	0.5	THT	
O		STB-LA/S		O	5	100	220	4	4	300	0.5	0.8	1.1	THT	
O		STB-LA/SF		O	5	100	200	4	4	100	1	0.7	0.7	THT	
O		STB-LA/M		O	5	300	600	4	4	300	0.6	0.8	1.1	THT	
O		STB-300LA/M		O	5	300	600	4	4	300	0.6	0.8	1.1	THT	
O		STB-LA/AM3		O	12	50	50	4	4	100	/	10	10	THT	
O		STB-250LA/ZR		O	5	250	380, 450	4	4	200	3	1	1.4	THT	
O		STB-LA/Zx		O	5	100~200	300~450	4	4	300	0.3	0.8	1.1	THT	
O		STB-250LA/Zx		O	5	250	450	4	4	200	3	1	1.4	THT	



◎ AC / 交流检测 (离网侧&电网侧)

Technology			Type	Out		Vcc (V)	I _{pn} (A)	I _{pm} (A)	U _{ESD} (kV)	U _d (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25℃ (%FS)	X _T Range (%FS)	Connction	Application
Open-loop	Closed-loop	Fluxgate		Voltage	Current											
O			STK-PL	O		5	10~50	25~125	5	4	400	1.5	1	3	THT	AC
O			STK-PL/A	O		5	10~50	25~125	5	4	400	1.5	1	2	THT	
O			STK-PL/Q	O		5	50	50	5	4	300	1.5	1.5	3	THT	
O			STK-PL/M	O		5	80~180	200~450	5	4	500	0.4	1	2	THT	
O			STK-PL/M2	O		5	80~180	200~450	5	4	300	1.5	1	2	THT	
O			STK-PL/P1	O		3.3	10~50	30~150	5	4	400	1.5	1	2	THT	
O			STK-PL/AH1	O		5	10~50	25~125	5	4	400	1.5	1	2	THT	
O			STK-PL/Z	O		3.3, 5	50~180	125~450	4	5	400	1.5	1	2	THT	
O			STK-50PL/Z1	O		5	50	150	4	5	400	1.5	1	3	THT	
O			STK-100PL/Z2	O		5	100	200	4	5	400	1.5	1	3	THT	
O			STK-50PL/Z3	O		3.3	50	150	4	5	400	1.5	1	3	THT	AC(Load)
O			STK-200PL/Z	O		5	200	500	4	5	300	1.5	1	2	THT	
O			STK-HD/P	O		5, 3.3	5~30	12.5~75	4	4	600	1	1	3	THT	
O			STK-HD/K	O		5	20~50	50~100	4	4	600	1	0.8	1.5	THT	
O			STK-PL/A	O		5	10~50	25~125	5	4	400	1.5	1	2	THT	AC(grid)
O			STK-PL/M	O		5	80~180	200~450	5	4	500	0.4	1	2	THT	
O			STK-PL/M2	O		5	80~180	200~450	5	4	300	1.5	1	2	THT	
O			STB-CAB500	O		12	500	NA	4	2.5	NA	NA	NA	0.5	Clamping	
O			STB-CAB540	O		12	540	NA	4	2.5	NA	NA	NA	0.5	Clamping	
O			STB-CAB600X-XXC	O		12	540	NA	4	2.5	NA	NA	NA	0.5	Clamping	
O			STB-CAB500x-xxx	O		12	500	NA	4	2.5	NA	NA	NA	0.5	Clamping	
O			STB-CAB1000X-xx	O		12	1000	NA	4	2.5	NA	NA	NA	0.5	Clamping	
O			STB-CABxxxN-xxF	O		12	500700	NA	4	2.5	NA	NA	NA	0.5	Clamping	AC(grid)
O			STB-CAB1500	O		12	600	NA	4	2.5	NA	NA	NA	0.5	Clamping	



STK-PL



STK-PL/A



STK-PL/Q



STK-PL/M



STK-PL/M2



STK-PL/P1



STK-PL/AH1



STK-PL/Z



STK-PL/Z1,Z2



STK-PL/Z3



STK-HD/P



STK-HD/K



STB-CAB 500,540



STB-CAB600X-XXC



STK-CAB500x-xxx



STK-CAB1000X-xx



STK-CABxxxN-xxF



STB-CAB1500

◎ Residual/ 漏电流检测

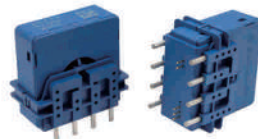
Technology			Type	Out		Vcc (V)	I _{pn} (A)	I _{pm} (A)	U _{ESD} (kV)	U _d (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25℃ (%FS)	X _T Range (%FS)	Connction	Application
Open-loop	Closed-loop	Fluxgate		Voltage	Current											
			SFG-P	O		5	0.3~5.0	0.5~8.0	NA	4	15	30~50	1.9	3.2	THT	Residual
			SFG-P/N1	O		5	0.3~5.0	0.5~10	NA	4	15	30~50	1.9	3.2	THT	
			SFG-P/P2F	O		5	0.3~3.0	0.5~5.0	NA	4	15	40~50	1.9	3.2	THT	
			SFG-P/PF	O		5	0.6~3.0	0.85~5.0	NA	4	15	40	1.9	3.2	THT	
			SFG-P/P3	O		5	3.0~5.0	5.0~8.0	NA	4	15	40	1.9	3.2	THT	
			SFG-P/P4	O		5	3.0~5.0	5.0~8.0	NA	4	15	40	1.9	3.2	THT	
			SFG-P/P6	O		5	0.3~5.0	0.5~10	NA	4	15	50	1.9	3.2	THT	
			SFG-P/P7	O		5	0.3	0.5	NA	4	15	40	1.9	3.2	THT	
			SFG-P/L3	O		5	0.6~5	0.85~10	NA	5.1	15	30~50	1.9	3.2	THT	
			SFG-P/L4	O		5	0.6~6	0.85~10	NA	5.1	15	30~50	1.9	3.2	THT	
			SFG-P/S	O		5	0.3~1.0	0.5~1.7	NA	4	0.7	700	2	4	THT	
			SFG-P/S4	O		5	0.3~1.0	0.5~1.7	NA	4	0.7	700	2	4	THT	
			SFG-P/S5	O		5	0.3~1.0	0.5~1.7	NA	4	0.7	700	2	4	THT	
			STK-P/M	O		5	0.3~1.0	0.5~1.7	NA	5	0.7	700	2	4	THT	
			STK-P/M3	O		5	0.3~1.0	0.5~1.7	NA	5	0.7	700	2	4	THT	
			STK-P/M4	O		5	0.3~1.0	0.5~1.7	NA	5	0.7	700	2	4	THT	
			STK-P/M5	O		5	0.3~1.0	0.5~1.7	NA	5	0.7	700	2	4	THT	



SFG-P/N1



SFG-P series



SFG-P/P2F



SFG-P/PF



SFG-P/P3



SFG-P/P4



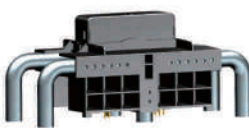
SFG-P/P6



SFG-P/P7



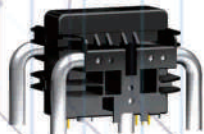
SFG-P/L3



SFG-P/L4



SFG-P/S series



SFG-P/S series



STK-P/M3



STK-P/M4



STK-P/M5



STK-P/M series



◎ Power Grid / 电网

Technology			Type	Out		Vcc (V)	I _{pn} (A)	I _{pm} (A)	U _{ESD} (kV)	U _d (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25℃ (%FS)	X _T Range (%FS)	Connction	Application
Open-loop	Closed-loop	Fluxgate		Voltage	Current											
O			STB-LA			±12~±15	50~150	200~240	4	4	150	0.5	0.5	0.5	THT	Power Grid
O			STB-LA/N1			±12~±15	25~100	55~200	4	4	150	0.5	NA	0.5	THT	
O			STB-LA/A	O		5	25	25	4	4	200	0.3	10	10	THT	
O			STB-LA/B			±12 or ±15	100	188, 236	NA	1.8	200	1	0.1	0.1	THT	
O			STB-LA/D			±12~±15	25~100	55~175	4	4	150	0.5	0.5	1.5	THT	
O			STB-LA/DF			±12~±15	25~100	55~175	4	5	150	0.5	0.5	NA	THT	
O			STB-50LA/DH			±12~±15	50	128	4	4	150	0.5	0.3	0.3	THT	
O			STB-LA/E			±15	200	NA	NA	3	100	1	0.5	0.6	THT	
O			STB-LA/F			±15	230	425, 220	NA	3	100	1	0.5	0.5	THT	
O			STB-LA/S	O		5	100	220	4	4	300	0.5	0.8	1.1	THT	
O			STB-LA/SF	O		5	100	200	4	4	100	1	0.7	0.7	THT	
O			STB-LA/M	O		5	300	600	4	4	300	0.6	0.8	1.1	THT	
O			STB-300LA/M	O		5	300	600	4	4	300	0.6	0.8	1.1	THT	
O			STB-LA/AM3	O		12	50	50	4	4	100	/	10	10	THT	
O			STB-250LA/ZR	O		5	250	380, 450	4	4	200	3	1	1.4	THT	
O			STB-LA/Zx	O		5	100~200	300~450	4	4	300	0.3	0.8	1.1	THT	
O			STB-250LA/Zx	O		5	250	450	4	4	200	3	1	1.4	THT	
O			STK-BS1	O		±15	100~600	300~900	4	4	50~150	2~7	1	2	THT	
O			STK-BS2	O		±15	500	900	4	4	50	5	1	1	THT	
O			STK-BS6	O		±15	50~600	150~900	4	4	50	5	1	1	THT	
O			STK-BS9	O		±15	50~600	150~900	4	4	50~150	3	1	2	THT	
O			STK-BS10	O		±15	100~600	300~900	4	4	50~150	2~4	1	2	THT	
O			STK-BS/S1	O		5	50~600	150~1100	4	3.3	60	3.5	1	3.5	THT	
O			STK-BS/S2	O		5	50~600	150~1100	4	3.3	60	3.5	1	3.5	THT	
O			STK-BS/S3	O		5	50~600	150~1100	4	3.3	250	3.5	1	3.5	THT	
O			STK-BS/H	O		±15	50~400	150~600	4	2.5	50	3	1	3	THT	
O			STK-BS/H4	O		15	50~100	150~450	4	2.5	50	3	1	2	THT	
O			STK-BS/A	O		±12~±15	300~1000	900~3000	4	5	25	3	1	1	THT	
O			STK-BS1B	O		±15	100~600	300~900	4	4	70~150	2~4	1	2	THT	
O			STK-BS1L	O		±15	100~600	300~900	4	4	70~150	2~4	1	2	THT	



◎ Wind power / 风力发电&电网

Technology			Type	Out		Vcc (V)	I _{pn} (A)	I _{pm} (A)	U _{ESD} (kV)	U _d (kV)	BW (kHz)	t _r (μs)	X@IPN TA=25℃ (%FS)	X _T Range (%FS)	Connction	Application
Open-loop	Closed-loop	Fluxgate		Voltage	Current											
O			STK-BS/T	O		±12~±15	200~1500	600~2500	4	4.9	25	5	1	1	Clamping	Wind power & Power Grid
O			STK-BS/T5	O		±15	163~2184	500~2500	4	4.9	25	5	1	1	Clamping	
O			STK-BS/X	O		±12~±15	500~2500	1500~5500	4	4	25	5	1	1	Clamping	
O			STK-BS/X2	O		±15	3000~6000	4500~12000	4	5.6	1	0.2	1	1	Clamping	
O			STK-BS/X4	O		±12~±15	500~2500	1500~5500	4	5	25	5	1	1	Clamping	
O			STK-BS/X5	O		±12~±15	500~2500	1500~5500	4	4	25	5	1	1	Clamping	
O			STK-BS/X6	O		±12~±15	500~2500	1500~5500	4	5	25	5	1	1	Clamping	
O			STK-BS/X7	O		±12~±15	1200~3000	3600~5500	4	5	25	5	1	1	Clamping	
O			STK-HO	O		5	60~150	150~375	4	4	200	2	1.5	3	THT	
O			STB-LF	O		±12~±15	100~200	200~420	4	4	100	0.5	0.3	0.2	Clamping	
O			STB-LF2	O		±12~±15	200~300	500~600	4	5	100	1	0.3	0.3	Clamping	
O			STB-LF/2	O		±15~±18	500	800	4	4.95	100	0.5	0.4	0.4	Clamping	
O			STB-LF/3	O		±15	366	950	4	3	100	1	0.42	0.42	Clamping	
O			STB-LF4	O		±12~±20	300	500	4	3.8	100	1	0.5	0.5	Clamping	
O			STB-LF4-A	O		±24	300	860	4	3.8	100	1	0.47	0.47	Clamping	
O			STB-LF4-B	O		±12~±20	300	500	4	3.8	100	1	0.47	0.47	Clamping	
O			STB-LF5	O		±15~±24	500	800	4	3.8	200	0.5	0.5	0.6	Clamping	
O			STB-LF5-A	O		±15~±24	500	800	4	4	200	1	0.6	0.6	Clamping	
O			STB-LF5-B	O		±15~±24	500	800	4	4	200	1	0.6	0.6	Clamping	
O			STB-LF5-S	O		±24	622	1700	4	3	100	1	0.6	0.6	Clamping	
O			STB-LF6	O		±15~±24	1000	1500	4	3.8	200	0.5	0.4	0.4	Clamping	
O			STB-LF7	O		±15	180	540	4	2.5	100	1	1.2	1.2	Clamping	
O			STB-LF8	O		±15	88	240	4	2.5	100	1	1.2	1.2	Clamping	
O			STB-LF9	O		±15~±20	300	700	3	3	100	1	0.3	0.36	Clamping	

