ASIAN POWER DEVICES

Headquarters

ASIAN POWER DEVICES INC.
12F., No.97, Sec. 1, Xintai 5th Rd., Xizhi Dist.,
New Taipei City 221416, Taiwan
TEL: +886-2-2697-6679
www.apd.corn.tw/en

Taiwan Factory
3F, No.211, Nanyang St., Xizhi Dist., New Taipei
City 221009, Taiwan
TEL: +886-2-2693-3298

Shenzhen Senergy Technology Co., Ltd.
Room 1108, 11th floor, Building 6, Skyworth
Innovation Valley, No. 8 Tangtou No. 1 Road,
Shiyan Street, Bao'an District, Shenzhen,
P.R.China
TEL: +86-755-8524-5541 ext. 2800
www.senergytec.com

Shanghai Office
Room 509, T6 Building, Qibao Baolong Mall,
No. 311 Xinlong Road, Minhang District,
Shanghai, P.R. China
TEL: +86-21-6029-0772

Shenzhen Factory (DK)
1-5F, No.1, Fengwei Street, Dakang Community,
Yuanshan Subdistrict, Longgang Dist.,
Shenzhen, P.R. China
TEL: +86-755-2831-6830

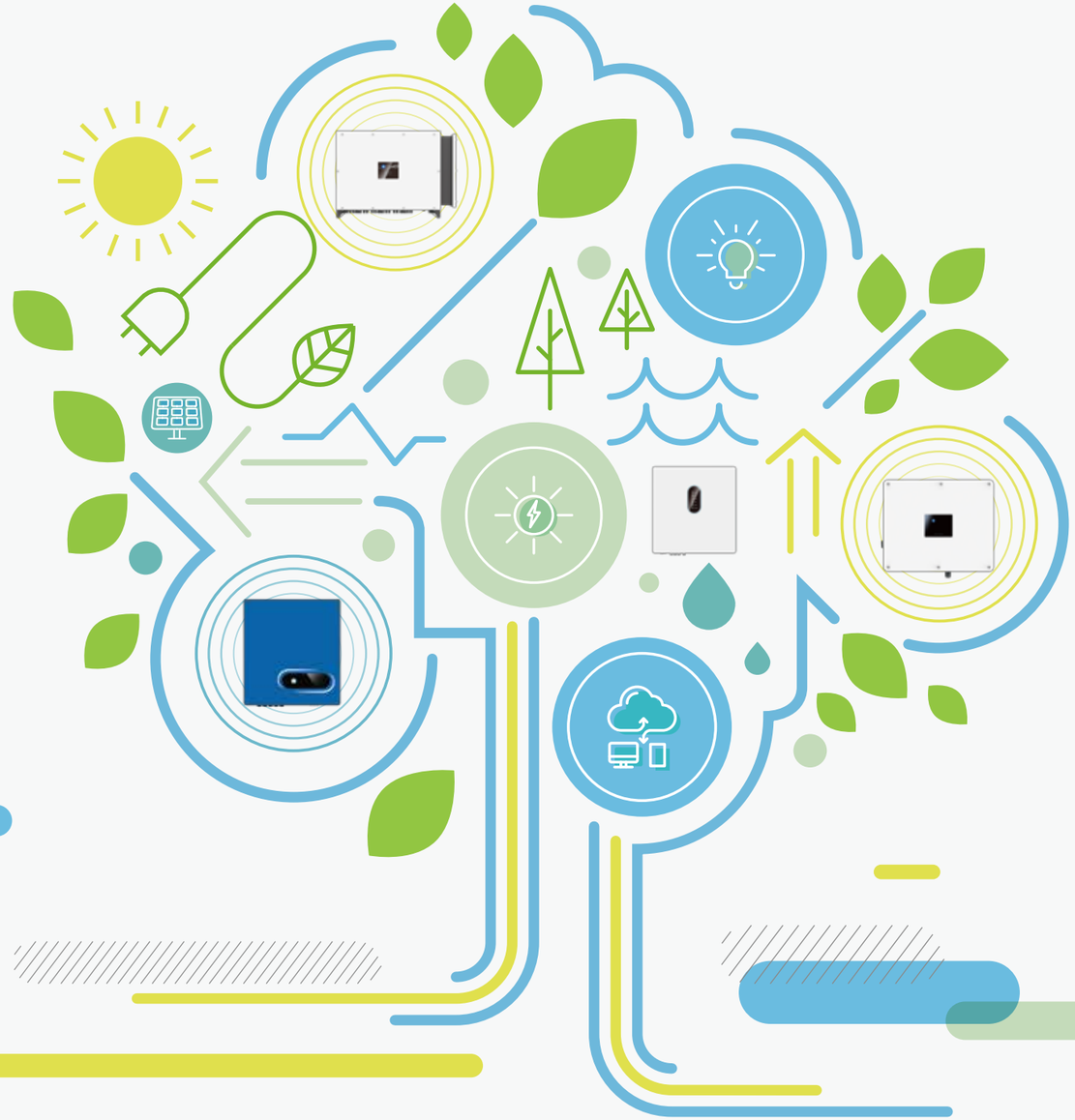
Shenzhen Factory (Pingshan)
Room 101-501, Building D, BC Park, No.18
Xiusha Rd, Pingshan District, Shenzhen,
P.R. China
TEL: +86-755-2831-6830

Sales Email: salesglobal@senergytec.com
Service Email: service@senergytec.com

2023 V2-BR

ASIAN POWER DEVICES

YOUR TRUSTWORTHY SOLAR INVERTER AND STORAGE ODM PARTNER



COMPANY MILESTONES

Parent Company

APD

A leader in Power Electronics and Renewable Energy Technology

For over two decades, APD Group has been cultivating its business in the power industry, upholding core values of R&D innovation and expanding its business horizon with the goal of becoming a leader in power electronics and renewable energy.

APD has two business groups: Power Systems and Renewable Energy, focusing on power supply and PV inverter products respectively.

1994 — APD Group founded in Taipei

1997 — 1st plant (YM) established in Shenzhen

2010 — Renewable Energy Business set up

2011 — 2nd plant (DK) established in Shenzhen

2015
- Senergy Technology founded
- Certified as CQC type A enterprise

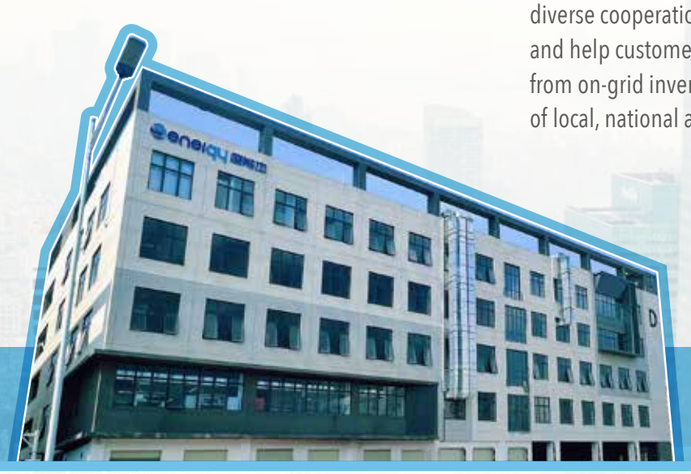
Subsidiary

Senergy

A leading ODM service supplier of PV inverters and energy storage solutions

Shenzhen Senergy Technology Co., Ltd., a wholly-owned subsidiary of Asian Power Devices Inc. (APD), is a high-tech solar energy company that supports customers in leading their next-generation PV inverters, from end-to-end design, research and development, to manufacturing and services – all under one roof.

With over 35 years of experience in power electronic products management and nearly 20 years of expertise in PV inverter development and manufacturing, Senergy provides flexible and diverse cooperation models to support rapid customized systems and help customers succeed. Our wide portfolio of products ranges from on-grid inverters to hybrid models, meeting the requirements of local, national and international standards.



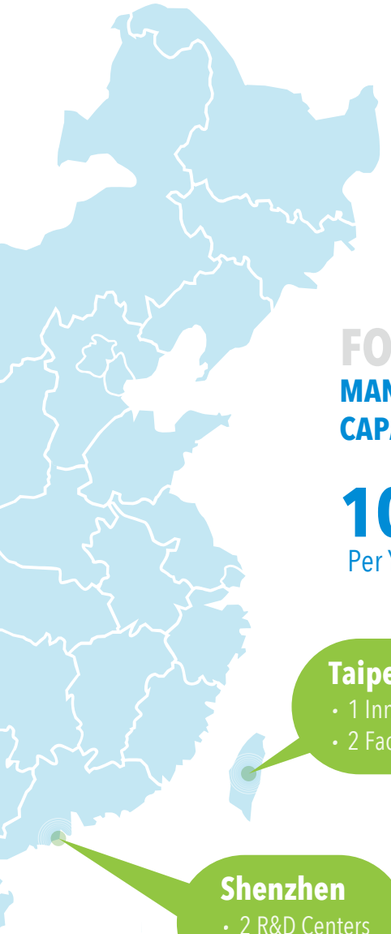
2016 — New generation of grid-tie PV inverters launched

2017
- Obtained CMMI 2 Product Engineering Management Certification
- Certified as China's "National High-tech Enterprise"

2020
- Energy Storage System launched
- 1GW inverters delivered annually

2021 — Expanded manufacturing capacity to 3GW in Shenzhen and Taipei

2022
- U.S. model product launched
- New Pingshan factory established to reach10GW manufacturing capacity



FOOTPRINT

MANUFACTURING CAPACITY

10GW
Per Year

Taipei
- 1 Innovation Center
- 2 Factories

Shenzhen
- 2 R&D Centers
- 2 Factories

OUR COMPETITIVE ADVANTAGES

R&D

- Pioneers and practitioners of Chinese string inverter technology
- Dual research centers in Taipei and Shenzhen
- Integrated Product Development (IPD) process
- DFMEA & PFMEA-guaranteed product reliability

QUALITY CONTROL

- Comprehensive QC and GP system throughout product development and production processes
- Endorsed by the leading industry players

MANUFACTURING

- Dual manufacturing bases in Taipei and Shenzhen
- Full industry process ranging from PCBA manufacturing to burn-in tests
- Highly-automated production equipment and flexible production line

35 Years of ODM Expertise in Power Electronic Products

Flexible and Diverse ODM Cooperation Process

Rapid Customization Management System

Customized Product Design and Accessories

YOUR TRUSTWORTHY ODM PARTNER

QUALITY CONTROL IN MANUFACTURING PROCESS

01 1st Auto-optical Detection for SMD

02 2nd Optical Detection for PCBA

03 Functional Test For PCBA

04 Conformal Coating

SHIPMENT

05 Automated Hi-Pot & Function Test

06 Burn in for 3-8h in 40°C

07 2nd Function Test after BI

08 Tightness Test for IP65 & Communication Test

PRODUCT LINE PLATFORM

On-Grid Inverter
Residential Use

Single Phase	Three Phase
2kW-10kW	5kW-15kW

On-Grid Inverter
Small-Medium C&I Use

Three Phase	Three Phase
10kW-30kW	10kW-18kW

On-Grid Inverter
Medium-Large C&I Use

Three Phase	Three Phase	Three Phase	Three Phase
30kW-36kW	25kW-36kW	30kW-60kW	100kW-125kW

Energy Storage Inverter
Residential Use

Single Phase	Single Phase	Three Phase	Three Phase
3.6kW-6kW (LV)	3kW-6kW (HV)	5kW-10kW	12kW-30kW

Split Phase	Single Phase
5kW-12kW-UL	8kW-10kW-T/EU

G83 G59 SAA CQC CE TÜV ISO 9001:2015 CEI-21

PV Inverter

SINGLE PHASE & SINGLE MPPT

SE 2/3/3.6KTL-S1/G2P

Application: Residential Use

SUPERIOR PERFORMANCE

- Maximum efficiency of 97.8%
- Large string current, compatible with large PV modules
- Wide voltage range, compatible with various power grids

HIGH RELIABILITY

- IP65 protection level for outdoor installation
- Optional: DC/AC Type II SPD
- Optional: AFCI function

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app

Model	SE 2KTL-S1/G2P	SE 3KTL-S1/G2P	SE 3K6TL-S1/G2P
Efficiency			
Max. Efficiency		97.8%	
European Efficiency	96.5%	96.8%	96.8%
Input(PV)			
Max. Input Voltage		500V	
Max. PV Configuration (STC)		150%	
Rated Input Voltage		360V	
Max. Input Current		15A	
Max.Short Circuit Current		20A	
Start Input Voltage		70V	
MPPT Operating Voltage Range		50V-490V	
Max. Number of PV Strings		1	
No. of MPPTs		1	
Output(Grid)			
Rated AC Active Power	2,000W	3,000W	3,600W
Max. AC Apparent Power	2,200VA	3,300VA	3,600VA
Max. AC Output Current	10A	15A	16A
Rated AC Voltage		220V/230V, L+N+PE	
AC Voltage Range①		160V-300V (Adjustable)	
Rated Grid Frequency		50Hz / 60Hz	
Grid Frequency Range②		45Hz-55Hz / 55Hz-65Hz (Adjustable)	
THDI		<3% (Rated Power)	
DC Current Injection		<0.5%In	
Power Factor		>0.99 Rated power (Adjustable 0.8 LD-0.8 LG)	
Protection			
DC Switch		Yes	
Anti-Islanding Protection		Yes	
AC Overcurrent Protection		Yes	
AC Short Circuit Protection		Yes	
DC Reverse Protection		Yes	
Surge Arrester		DC Type III(Type II optional) / AC Type III(Type II optional)	
Insulation Detection		Yes	
Leakage Current Protection		Yes	
General			
Topology		Transformerless	
IP Rating		IP65	
Night Self Consumption		<1W	
Cooling		Natural cooling	
Operating Temperature Range		-25°C-60°C	
Relative Humidity Range		0-100%	
Max. Operating Altitude		4000m	
Dimensions (W*H*D)		320mm*344mm*137mm	
Weight		6.5Kg	
HMI & COM			
Display		Wireless & APP+LED, LCD (Optional)	
Communication		Optional: WiFi / GPRS / RS485 / LAN	
Certification			
Safety		IEC62109-1, IEC62109-2	
Grid Code		DE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206001/206002-1, IEC 61727/62116, ORDINANCE n°140 2022, IEEE 1547, UL 1741, AS 4777, VDE 0126-1	
Warranty		5 Years	

Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

SINGLE PHASE & DUAL MPPT

SE 4/5/6KTL-D1/G2P

Application: Residential Use

SUPERIOR PERFORMANCE

- Maximum efficiency of 98.2%
- Large string current, compatible with large PV modules
- Wide voltage range, compatible with various power grids

HIGH RELIABILITY

- IP65 protection level for outdoor installation
- Optional: DC/AC Type II SPD
- Optional: AFCI function

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app

Model	SE 4KTL-D1/G2P	SE 5KTL-D1/G2P	SE 6KTL-D1/G2P
Efficiency			
Max. Efficiency		98.2%	
European Efficiency	97.0%	97.3%	97.4%
Input(PV)			
Max. Input Voltage		550V	
Max. PV Configuration (STC)		150%	
Rated Input Voltage		360V	
Max. Input Current		30A (2*15A)	
Max.Short Circuit Current		40A (2*20A)	
Start Input Voltage		90V	
MPPT Operating Voltage Range		70V-540V	
Max. Number of PV Strings		2 (1/1)	
No. of MPPTs		2	
Output(Grid)			
Rated AC Active Power	4,000W	5,000W	6,000W
Max. AC Apparent Power	4,400VA	5,500VA	6,000VA
Max. AC Output Current	20A	25A	27.3A
Rated AC Voltage		220V/230V, L+N+PE	
AC Voltage Range①		160V-300V (Adjustable)	
Rated Grid Frequency		50Hz / 60Hz	
Grid Frequency Range②		45Hz-55Hz / 55Hz-65Hz (Adjustable)	
THDI		<3% (Rated Power)	
DC Current Injection		<0.5%In	
Power Factor		>0.99 Rated power (Adjustable 0.8 LD-0.8 LG)	
Protection			
DC Switch		Yes	
Anti-Islanding Protection		Yes	
AC Overcurrent Protection		Yes	
AC Short Circuit Protection		Yes	
DC Reverse Protection		Yes	
Surge Arrester		DC Type III(Type II optional) / AC Type III(Type II optional)	
Insulation Detection		Yes	
Leakage Current Protection		Yes	
General			
Topology		Transformerless	
IP Rating		IP65	
Night Self Consumption		＜1W (Standard)	
Cooling		Natural cooling	
Operating Temperature Range		-25°C-60°C	
Relative Humidity Range		0-100%	
Max. Operating Altitude		4000m	
Dimensions (W*H*D)		350mm*347mm*137mm	
Weight		8.5Kg	
HMI & COM			
Display		Wireless & APP+LED, LCD (Optional)	
Communication		Optional: WiFi / GPRS / RS485 / LAN	
Certification			
Safety		IEC62109-1, IEC62109-2	
Grid Code		DE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206001/206002-1, IEC 61727/62116, ORDINANCE n°140 2022, IEEE 1547, UL 1741, AS 4777, VDE 0126-1	
Warranty		5 Years	

Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

SINGLE PHASE & DUAL MPPT

SE 7/8/10KTL-D1P

Application: Residential Use

SUPERIOR PERFORMANCE

- Maximum efficiency of 98.2%
- Large string current, compatible with large PV modules
- Wide voltage range, compatible with various power grids

HIGH RELIABILITY

- IP65 protection level for outdoor installation
- Optional: DC/AC Type II SPD
- Optional: AFCI function

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- Multiple I/O and communication configurations

Model	SE 7KTL-D1P	SE 8KTL-D1P	SE 10KTL-D1P
Efficiency			
Max. Efficiency	98.2%		
European Efficiency	97.5%		
Input (PV)			
Max. Input Voltage	550V		
Max. PV Configuration (STC)	150%		
Rated Input Voltage	360V		
Max. Input Current	40A (2*20A)	50A (2*15A+20A)	
Max.Short Circuit Current	52A (2*26A)	66A (2*20A+26A)	
Start Input Voltage	90V		
MPPT Operating Voltage Range	60V-540V		
Max. Number of PV Strings	2 (1/1)	3 (2/1)	
No. of MPPTs	2		
Output (Grid)			
Rated AC Active Power	7,000W	8,000W	10,000W
Max. AC Apparent Power	7,700VA	8,800VA	10,000VA
Max. AC Output Current	35A	40A	45.5A
Rated AC Voltage	220V/230V, L+N+PE		
AC Voltage Range①	160V-300V (Adjustable)		
Rated Grid Frequency	50Hz / 60Hz		
Grid Frequency Range②	45Hz-55Hz / 55Hz-65Hz (Adjustable)		
THDI	<3% (Rated Power)		
DC Current Injection	<0.5%In		
Power Factor	>0.99 Rated power (Adjustable 0.8 LD-0.8 LG)		
Protection			
DC Switch	Yes		
Anti-Islanding Protection	Yes		
AC Overcurrent Protection	Yes		
AC Short Circuit Protection	Yes		
DC Reverse Protection	Yes		
Surge Arrester	DC Type III(Type II optional) / AC Type III(Type II optional)		
Insulation Detection	Yes		
Leakage Current Protection	Yes		
General			
Topology	Transformerless		
IP Rating	IP65		
Night Self Consumption	< 1W (Standard)		
Cooling	Natural cooling		
Operating Temperature Range	-25°C-60°C		
Relative Humidity Range	0-100%		
Max. Operating Altitude	4000m		
Dimensions (W*H*D)	400mm*450mm*170mm		
Weight	16Kg		
HMI & COM			
Display	Wireless & APP+LED, LCD (Optional)		
Communication	Optional: WiFi / GPRS / RS485 / LAN		
Certification			
Safety	IEC62109-1, IEC62109-2		
Grid Code	DE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206001/206002-1, IEC 61727/62116, ORDINANCE n°140 2022, IEEE 1547, UL 1741, AS 4777, VDE 0126-1		
Warranty	5 Years		

Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

THREE PHASE & DUAL MPPT

SE 5/6/8/10/12/15KTL-D3/G2

Application: Residential & Small C&I use

SUPERIOR PERFORMANCE

- Maximum efficiency of 98.3%
- Large string current, compatible with large PV modules
- Wide voltage range, compatible with various power grids
- Compact for easy installation

HIGH RELIABILITY

- IP66 protection level for outdoor installation
- Optional: DC/AC Type II SPD
- Optional: AFCI function

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- Multiple I/O and communication configurations

Model	SE 5KTL-D3/G2	SE 6KTL-D3/G2	SE 8KTL-D3/G2	SE 10KTL-D3/G2	SE 12KTL-D3/G2	SE 15KTL-D3/G2
Efficiency						
Max. Efficiency	98.2%				98.3%	
European Efficiency	97.8%					
Input (PV)						
Max. Input Voltage	1100V					
Max. PV Configuration	150%					
Rated Input Voltage	620V					
Max. Input Current	2*15A				15A+2*15A	
Max.Short Circuit Current	2*20A				20A+2*20A	
Start Input Voltage	180V					
MPPT Operating Voltage Range	160V-1000V					
Max. Number of PV Strings	2 (1/1)				3 (1/2)	
No. of MPPTs	2					
Output (Grid)						
Rated AC Active Power	5,000W	6,000W	8,000W	10,000W	12,000W	15,000W
Max. AC Apparent Power	5,500VA	6,600VA	8,800VA	11,200VA	13,200VA	16,700VA
Max. AC Output Current	3*8.4A	3*10.1A	3*13.4A	3*17A	3*20.2A	3*25.3A
Rated AC Voltage	380V / 400V / 415V, 3W+N+PE					
AC Voltage Range①	260V-510V (Adjustable)					
Rated Grid Frequency	50Hz / 60Hz					
Grid Frequency Range②	45Hz-55Hz / 55Hz-65Hz (Adjustable)					
THDI	<3%@Rated Power					
DC Current Injection	<0.5%@Rated Current					
Power Factor	>0.99 Rated power (Adjustable 0.8 LD - 0.8 LG)					
Protection						
DC Switch	Yes					
Anti-Islanding Protection	Yes					
AC Overcurrent Protection	Yes					
AC Short Circuit Protection	Yes					
DC Reverse Protection	Yes					
Surge Arrester	DC Type III(Type II optional) / AC Type III(Type II optional)					
Insulation Detection	Yes					
Leakage Current Protection	Yes					
General						
Topology	Transformerless					
IP Rating	IP66					
Night Self Consumption	< 1W (Standard)					
Cooling	Natural cooling					
Operating Temperature Range	-25°C-60°C					
Relative Humidity Range	0-100%					
Max. Operating Altitude	4000m					
Dimensions (W*H*D)	398mm*460mm*190mm					
Weight	16.8Kg				18.7Kg	
HMI & COM						
Display	Wireless & APP +LED, LCD (Optional)					
Communication	RS485, Optional: WiFi / GPRS / LAN					
Certification						
Safety	IEC62109-1, IEC62109-2					
Grid Code	VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, RD 1699/661&413, IEC 61727/62116, AS4777.2					
Warranty	5 Years					

Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

THREE PHASE & DUAL MPPT

SE 10/15KTL-D3/G2P, SE 17/20/22/25/30KTL-D3/G2

Application: Residential & Small and Medium C&I use

SUPERIOR PERFORMANCE

- Maximum efficiency of 98.4%
- Large string current, compatible with large PV modules
- Wide voltage range, compatible with various power grids
- Compact for easy installation

HIGH RELIABILITY

- IP66 protection level for outdoor installation
- Optional: DC/AC Type II SPD
- Optional: AFCI function

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- Multiple I/O and communication configurations

Model	SE 10KTL-D3/G2P	SE 15KTL-D3/G2P	SE 17KTL-D3/G2	SE 20KTL-D3/G2	SE 22KTL-D3/G2	SE 25KTL-D3/G2	SE 30KTL-D3/G2
Efficiency							
Max. Efficiency	98.4%						
European Efficiency	97.8%	98.0%					
Input (PV)							
Max. Input Voltage	1100V						
Max. PV Configuration	150%						
Rated Input Voltage	620V						
Max. Input Current	15A+30A	2*30A					40A/30A
Max.Short Circuit Current	20A+40A	2*40A					50A/37.5A
Start Input Voltage	180V						
MPPT Operating Voltage Range	160V-1000V						
Max. Number of PV Strings	3 (1/2)	4 (2/2)					
No. of MPPTs	2						
Output (Grid)							
Rated AC Active Power	10,000W	15,000W	17,000W	20,000W	22,000W	25,000W	30,000W
Max. AC Apparent Power	11,000VA	16,500VA	18,700VA	22,000VA	24,200VA	27,500VA	33,000VA
Max. AC Output Current	3*16.8A	3*25.3A	3*28.6A	3*33.7A	3*37A	3*39.8A	3*50.2A
Rated AC Voltage	380V / 400V / 415V, 3W+N+PE						
AC Voltage Range①	260V-510V (Adjustable)						
Rated Grid Frequency	50Hz / 60Hz						
Grid Frequency Range②	45Hz-55Hz / 55Hz-65Hz (Adjustable)						
THDI	<3%@Rated Power						
DC Current Injection	<0.5%@Rated Current						
Power Factor	>0.99 Rated power (Adjustable 0.8 LD - 0.8 LG)						
Protection							
DC Switch	Yes						
Anti-Islanding Protection	Yes						
AC Overcurrent Protection	Yes						
AC Short Circuit Protection	Yes						
DC Reverse Protection	Yes						
Surge Arrester	DC Type III(Type II optional) / AC Type III(Type II optional)						
Insulation Detection	Yes						
Leakage Current Protection	Yes						
General							
Topology	Transformerless						
IP Rating	IP66						
Night Self Consumption	<1W						
Cooling	Natural cooling	Fan cooling					
Operating Temperature Range	-25°C-60°C						
Relative Humidity Range	0-100%						
Max. Operating Altitude	4000m						
Dimensions (W*H*D)	398mm*460mm*190mm						
Weight	18.7Kg	20.1Kg			20.3Kg		
HMI & COM							
Display	Wireless & APP +LED, LCD (Optional)						
Communication	RS485, Optional: WiFi / GPRS / LAN						
Certification							
Safety	IEC62109-1, IEC62109-2						
Grid Code	VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, RD 1699/661&413, IEC 61727/62116, AS4777.2						
Warranty	5 Years						

Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

THREE PHASE & DUAL MPPT

SE 10/12KTL-DL3

Application: Small-Scale Industrial and Residential Use

SUPERIOR EFFICIENCY

- Max efficiency of 97.3%
- Ultra-wide voltage range (180V-750V)

HIGH RELIABILITY

- Integarted type II DC/AC SPD
- Natural cooling design

INTELLIGENT MAINTENANCE

- Intelligent monitoring via APP & Web
- Multiple remote monitoring for convenient operation and maintenance
- Supports 3Phase 208/220/240V grid system

Model	SE 10KTL-DL3	SE 12KTL-DL3
Efficiency		
Max. Efficiency	97. 3%	97.3%
Input (PV)		
Max. Input Voltage	800V	
Max. PV Configuration	150%	
Rated Input Voltage	360V	
Max. Input Current	54A (2*27A)	
Max.Short Circuit Current	60A (2*30A)	
Start Input Voltage/ Min. Operating Voltage	250V/180V	
MPPT Operating Voltage Range	180V-750V	
MPPT Operating Voltage Range (Full-Load)	300V-680V	
Max. Number of PV Strings	4 (2/2)	
No. of MPPTs	2	
Output (Grid)		
Rated AC Active Power	10,500W	12,000W
Max. AC Apparent Power	11,500VA	13,500VA
Max. AC Output Current	3*28.3A	3*33.5A
Rated AC Voltage	220V, 3W+N+PE	
AC Voltage Range①	180V-300V (Adjustable)	
Rated Grid Frequency	60Hz	
Grid Frequency Range②	55Hz-65Hz (Adjustable)	
THDI	<3% (Rated Power)	
DC Current Injection	<0.5%In	
Power Factor	>0.99 Rated power (Adjustable 0.8 LG - 0.8 LD)	
Protection		
DC Switch	Yes	
Anti-Islanding Protection	Yes	
AC Overcurrent Protection	Yes	
AC Short Circuit Protection	Yes	
DC Reverse Protection	Yes	
Surge Arrester	DC Type II / AC Type II	
Insulation Detection	Yes	
Leakage Current Protection	Yes	
General		
Topology	Transformerless	
IP Rating	IP65	
Night Self Consumption	<1W	
Cooling	Natural cooling	
Operating Temperature Range	-25°C-60°C	
Relative Humidity Range	0-100%	
Max. Operating Altitude	4000m	
Dimensions (W*H*D)	555mm*446mm*270mm	
Weight	37Kg	
HMI & COM		
Display	Wireless & APP+LED, LCD (Optional)	
Communication	RS485, WiFi (Optional), GPRS (Optional)	
Certification		
Safety	IEC62109-1, IEC62109-2	
Grid Code	IEC61727, IEC62116, IEEE 1547	
Warranty	5 Years	

Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

THREE PHASE & DUAL MPPT

SE 16/18KTL-DL3

Application: Small-Scale Industrial and Residential Use

SUPERIOR EFFICIENCY

- Max efficiency of 97.5%
- Ultra-wide voltage range (180V-750V)

HIGH RELIABILITY

- Integarted type II DC/AC SPD
- Natural cooling design

INTELLIGENT MAINTENANCE

- Intelligent monitoring via APP & Web
- Multiple remote monitoring for convenient operation and maintenance
- Supports 3Phase 208/220/240V grid system

Model	SE 16KTL-DL3	SE 18KTL-DL3
Efficiency		
Max. Efficiency	97. 5%	97.5%
Input (PV)		
Max. Input Voltage	800V	
Max. PV Configuration	150%	
Rated Input Voltage	360V	
Max. Input Current	81A (2*40.5A)	
Max.Short Circuit Current	90A (2*45A)	
Start Input Voltage/ Min. Operating Voltage	250V/180V	
MPPT Operating Voltage Range	180V-750V	
MPPT Operating Voltage Range (Full-Load)	300V-680V	
Max. Number of PV Strings	6 (3/3)	
No. of MPPTs	2	
Output (Grid)		
Rated AC Active Power	16,000W	17,500W
Max. AC Apparent Power	18,000VA	20,000VA
Max. AC Output Current	3*42A	3*48A
Rated AC Voltage	220V, 3W+N+PE	
AC Voltage Range①	150V-300V (Adjustable)	
Rated Grid Frequency	60Hz	
Grid Frequency Range②	55Hz-65Hz (Adjustable)	
THDI	<3% (Rated Power)	
DC Current Injection	<0.5%In	
Power Factor	>0.99 Rated power (Adjustable 0.8 Leading - 0.8 Lagging)	
Protection		
DC Switch	Yes	
Anti-Islanding Protection	Yes	
AC Overcurrent Protection	Yes	
AC Short Circuit Protection	Yes	
DC Reverse Protection	Yes	
Surge Arrester	DC Type II / AC Type II	
Insulation Detection	Yes	
Leakage Current Protection	Yes	
General		
Topology	Transformerless	
IP Rating	IP65	
Night Self Consumption	<1W	
Cooling	Fan cooling	
Operating Temperature Range	-25°C-60°C	
Relative Humidity Range	0-100%	
Max. Operating Altitude	4000m	
Dimensions (W*H*D)	555mm*446mm*270mm	
Weight	41Kg	
HMI & COM		
Display	Wireless & APP+LED	
Communication	RS485, WiFi (Optional), GPRS (Optional)	
Certification		
Safety	IEC62109-1, IEC62109-2	
Grid Code	IEEE 1547, IEC 61727, IEC62116	
Warranty	5 Years	

Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

THREE PHASE & DUAL MPPT

SE 30/36KTL-QL3

Application: Large-Scale Industrial and Commercial Sites

SUPERIOR EFFICIENCY

- Max efficiency of 98.0%
- 4 independent MPPTs
- ECO Invention patent technology

HIGH RELIABILITY

- Integarted type II DC/AC surge arresters

INTELLIGENT MAINTENANCE

- Intelligent monitoring via APP & Web
- Multiple remote monitoring for convenient operation and maintenance
- Supports 3Phase 208/220/240V grid system

Model	SE 30KTL-QL3	SE 36KTL-QL3
Efficiency		
Max. Efficiency	98.0%	
Input (PV)		
Max. Input Voltage	800V	
Max. PV Configuration	150%	
Rated Input Voltage	360V	
Max. Input Current	130A (39A/39A/26A/26A)	156A (39A/39A/39A/39A)
Max.Short Circuit Current	150A (45A/45A/30A/30A)	180A (45A/45A/45A/45A)
Start Input Voltage/ Min. Operating Voltage	250V/200V	
MPPT Operating Voltage Range	200V-750V	
MPPT Operating Voltage Range (Full-Load)	300V-680V	
Max. Number of PV Strings	10 (3/3/2/2)	12 (3/3/3/3)
No. of MPPTs	4	
Output (Grid)		
Rated AC Active Power	29,000W	34,500W
Max. AC Apparent Power	33,000VA	40,000VA
Max. AC Output Current	3*83A	3*92A
Rated AC Voltage	220V, 3W+N+PE	
AC Voltage Range①	150V-300V (Adjustable)	
Rated Grid Frequency	60Hz	
Grid Frequency Range②	55Hz-65Hz (Adjustable)	
THDI	<3% (Rated Power)	
DC Current Injection	<0.5%In	
Power Factor	>0.99 Rated power (Adjustable 0.8 Leading - 0.8 Lagging)	
Protection		
DC Switch	Yes	
Anti-Islanding Protection	Yes	
AC Overcurrent Protection	Yes	
AC Short Circuit Protection	Yes	
DC Reverse Protection	Yes	
Surge Arrester	DC Type II / AC Type II	
Insulation Detection	Yes	
Leakage Current Protection	Yes	
General		
Topology	Transformerless	
IP Rating	IP65	
Night Self Consumption	<1W	
Cooling	Fan cooling	
Operating Temperature Range	-25°C-60°C	
Relative Humidity Range	0-100%	
Max. Operating Altitude	4000m	
Dimensions (W*H*D)	855mm*555mm*275mm	
Weight	65Kg	67Kg
HMI & COM		
Display	Wireless & APP+LED, LCD (Optional)	
Communication	RS485, WiFi (Optional), GPRS (Optional)	
Certification		
Safety	IEC62109-1, IEC62109-2	
Grid Code	IEEE 1547, IEC 61727, IEC62116	
Warranty	5 Years	

Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

THREE PHASE & MULTIPLE MPPT

SE 25KTL-TL3, SE 30/36KTL-QL3/G2

Application: Commercial & Industrial Sites

SUPERIOR PERFORMANCE

- Maximum efficiency of 98.0%
- Large string current, compatible with large PV modules

HIGH RELIABILITY

- IP66 protection level for outdoor installation
- DC/AC Type II SPD
- Optional: AFCI, Night SVG, I/V detection, and integrated PID

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- String level current detection

Model	SE 25KTL-TL3	SE 30KTL-QL3/G2	SE 36KTL-QL3/G2
Efficiency			
Max. Efficiency	97.8%	97.8%	98.0%
Input (PV)			
Max. Input Voltage		800V	
Max. PV configuration (STC)		150%	
Rated Input Voltage		360V	
Max. Input Current	40A+2*32A	40A+3*32A	40A+3*32A
Max.Short Circuit Current	50A+2*45A	50A+3*45A	50A+3*45A
Start Input Voltage		200V	
MPPT Operating Voltage Range		180-800V	
Max. Number of PV Strings	2/2/2	2/2/2/2	2/2/2/2
No. of MPPTs	3	4	4
Output (Grid)			
Rated AC Active Power	25,000W	30,000W	35,000W
Max. AC Apparent Power	27,800VA	33,400VA	35,100VA
Max. AC Output Current	73A	87.7A	92A
Rated AC Voltage		220V, 3L/N/PE, 3L/PE	
AC Voltage Range①		187V-300V (Adjustable)	
Rated Grid Frequency		50Hz/60Hz	
Grid Frequency Range②		45-55Hz/55-65Hz (Adjustable)	
THDI		<3% (Rated Power)	
DC Current Injection		<0.5%In	
Power Factor		>0.99 Rated power (Adjustable 0.8 LD - 0.8LG)	
Protection			
DC switch		Yes	
Anti-islanding protection		Yes	
AC overcurrent protection		Yes	
AC short circuit protection		Yes	
DC reverse connection		Yes	
Surge Arrester		DC Level II / AC Type II	
Insulation detection		Yes	
Leakage current protection		Yes	
AC SPS		Optional	
PID		Optional	
AFCI		Optional	
General			
Topology		Transformerless	
IP Rating		IP66	
Night Self Consumption		<1W (Standard)	
Cooling		Fan cooling	
Operating Temperature Range		-25°C-60°C	
Relative Humidity Range		0-100%	
Max. Operating Altitude		4000m	
Dimensions (W*H*D)	635mm*530mm*224mm	635mm*530mm*233mm	
Weight	41.5Kg	42Kg	
HMI & COM			
Display		Wireless & APP+LED, LCD (Optional)	
Communication		RS485, Optional: WiFi/GPRS/LAN	
Certification			
Safety		IEC 62109-1, IEC 62109-2	
Grid Code		IEEE 1547, IEC 61727, IEC62116	
Warranty		5 Years	

Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

THREE PHASE & MULTIPLE MPPT

SE 30/40KTL-T3/G2, SE 50KTL-Q3/G2

Application: Commercial & Industrial Sites

SUPERIOR PERFORMANCE

- Maximum efficiency of 98.5%
- Large string current, compatible with large PV modules
- 30KW with natural cooling design

HIGH RELIABILITY

- IP66 protection level for outdoor installation
- DC/AC Type II SPD
- Optional: AFCI, Night SVG, I/V detection, and integrated PID

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- String level current detection

Model	SE 30KTL-T3/G2	SE 40KTL-T3/G2	SE 50KTL-Q3/G2
Efficiency			
Max. Efficiency		98.5%	
European Efficiency	98.0%	98.0%	97.9%
Input (PV)			
Max. Input Voltage		1100V	
Max. PV Configuration (STC)		150%	
Rated Input Voltage		620V	
Max. Input Current	40A+2*32A	40A+2*32A	40A+3*32A
Max.Short Circuit Current	50A+2*45A	50A+2*45A	50A+3*45A
Start Input Voltage		200V	
MPPT Operating Voltage Range		180V-1000V	
Max. Number of PV Strings	2/2/2	2/2/2	2/2/2/2
No. of MPPTs	3	3	4
Output (Grid)			
Rated AC Active Power	30,000W	40,000W	50,000W
Max. AC Apparent Power	33,400VA	44,500VA	55,600VA
Max. AC Output Current	51A	67.5A	84.3A
Rated AC Voltage		380V/400V/415V, 3W+N+PE or 3W+PE	
AC Voltage Range①		320V-520V (Adjustable)	
Rated Grid Frequency		50Hz / 60Hz	
Grid Frequency Range②		45-55Hz / 55-65Hz (Adjustable)	
THDI		<3% (Rated Power)	
DC Current Injection		<0.5%In	
Power Factor		>0.99 Rated power (Adjustable 0.8 LD - 0.8LG)	
Protection			
DC Switch		Yes	
Anti-Islanding Protection		Yes	
AC Overcurrent Protection		Yes	
AC Short Circuit Protection		Yes	
DC Reverse Protection		Yes	
Surge Arrester		DC Type II / AC Type II	
Insulation Detection		Yes	
Leakage Current Protection		Yes	
PV String Monitoring		Optional	
Consumption Monitoring		Optional	
General			
Topology		Transformerless	
IP Rating		IP66	
Night Self Consumption		<1W (Standard)	
Cooling	Natural cooling	Fan cooling	
Operating Temperature Range		-25°C-60°C	
Relative Humidity Range		0-100%	
Max. Operating Altitude		4000m	
Dimensions (W*H*D)		635mm*530mm*224mm	
Weight	36Kg	40Kg	42Kg
HMI & COM			
Display		Wireless & APP+LED, LCD (Optional)	
Communication		RS485, Optional: WiFi / GPRS / LAN	
Certification			
Safety		IEC62109-1, IEC62109-2	
Grid Code		VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, RD 1699/661&413, IEC 61727/62116, AS4777.2	
Warranty		5 Years	

Remarks :
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

THREE PHASE & MULTIPLE MPPT

SE 60KTL-Q3/G2

Application: Commercial & Industrial Sites

SUPERIOR PERFORMANCE

- Maximum efficiency of 98.6%
- Large string current, compatible with large PV modules

HIGH RELIABILITY

- IP66 protection level for outdoor installation
- DC/AC Type II SPD
- Optional: AFCI, Night SVG, I/V detection, and integrated PID

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- String level current detection

Model	SE 60KTL-Q3/G2
Efficiency	
Max. Efficiency	98.6%
European Efficiency	98.0%
Input (PV)	
Max. Input Voltage	1100V
Max. PV Configuration (STC)	150%
Rated Input Voltage	620V
Max. Input Current	40A+3*32A
Max.Short Circuit Current	50A+3*45A
Start Input Voltage	200V
MPPT Operating Voltage Range	180V-1000V
Max. Number of PV Strings	8 (2/2/2/2)
No. of MPPTs	4
Output (Grid)	
Rated AC Active Power	60,000W
Max. AC Apparent Power	66,700VA
Max. AC Output Current	92A
Rated AC Voltage	380V/400V/415V, 3W+N+PE or 3W+PE
AC Voltage Range①	320V-520V (Adjustable)
Rated Grid Frequency	50Hz / 60Hz
Grid Frequency Range②	45-55Hz/55-65Hz (Adjustable)
THDI	<3% (Rated Power)
DC Current Injection	<0.5%In
Power Factor	>0.99 Rated power (Adjustable 0.8LD-0.8LG)
Protection	
DC Switch	Yes
Anti-Islanding Protection	Yes
AC Overcurrent Protection	Yes
AC Short Circuit Protection	Yes
DC Reverse Protection	Yes
Surge Arrester	DC Type II / AC Type II
Insulation Detection	Yes
Leakage Current Protection	Yes
PV String Monitoring	Optional
Consumption Monitoring	Optional
General	
Topology	Transformerless
IP Rating	IP66
Night Self Consumption	<1W (standard)
Cooling	Fan cooling
Operating Temperature Range	-25°C-60°C
Relative Humidity Range	0-100%
Max. Operating Altitude	4000m
Dimensions (W*H*D)	635mm*530mm*233mm
Weight	42Kg
HMI & COM	
Display	Wireless & APP+LED, LCD (Optional)
Communication	RS485, Optional: WiFi/GPRS/LAN
Certification	
Safety	IEC62109-1, IEC62109-2
Grid Code	IEC 61727/62116, IEC 61683
Warranty	5 Years

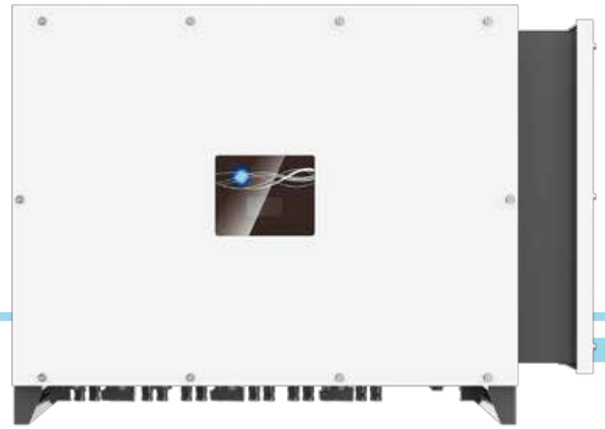
Remarks:
- ①②The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

PV Inverter

THREE PHASE & MULTIPLE MPPT

SE 100/110KTL-M3, SE 125KTL-MH3

Application: Commercial & Industrial Sites



SUPERIOR PERFORMANCE

- Maximum efficiency of 98.8%
- Large string current, compatible with large PV modules
- 9 MPPT, fuse-free design technology

HIGH RELIABILITY

- IP66 protection level for outdoor installation
- Replaceable DC/AC Type II SPD
- Optional: AFCI, Night SVG, I/V detection, and integrated PID

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- String level current detection

Model	SE 100KTL-M3	SE 110KTL-M3	SE 125KTL-MH3
Efficiency			
Max. Efficiency	98.5%	98.6%	98.8%
European Efficiency	98.0%	98.2%	98.4%
Input (PV)			
Max. Input Voltage	1100V		
Max. PV Configuration	150%		
Rated Input Voltage	620V		
Max. Input Current	3*40A+5*32A	3*40A+6*32A	
Max. Short Circuit Current	3*50A+5*45A	3*50A+6*45A	
Start Input Voltage/ Min. Operating Voltage	250V / 200V		
MPPT Operating Voltage Range	200V-1000V		
Max. Number of PV Strings	16 (8*2)	18 (9*2)	
No. of MPPTs	8	9	
Output (Grid)			
Rated AC Active Power	100,000W	110,000W	125,000W
Max. AC Apparent Power	111,000VA	123,000VA	139,000VA
Max. AC Output Current	3*168.8A	3*187A	3*167.3A
Rated AC Voltage	400V, 3W+N+PE or 3W+PE		480V, 3W+N+PE or 3W+PE
AC Voltage Range*	320V-520V (Adjustable)		408V-550V (Adjustable)
Rated Grid Frequency	50Hz / 60Hz		
Grid Frequency Range**	45Hz-55Hz / 55Hz-65Hz (Adjustable)		
THDI	<3% (Rated Power)		
DC Current Injection	<0.5%In		
Power Factor	> 0.99 Rated power (Adjustable 0.8 LD - 0.8 LG)		
Protection			
DC Switch	Yes		
Anti-Islanding Protection	Yes		
AC Overcurrent Protection	Yes		
AC Short Circuit Protection	Yes		
DC Reverse Protection	Yes		
Surge Arrester	DC Type II / AC Type II		
Insulation Detection	Yes		
Leakage Current Protection	Yes		
AFCI	Optional		
PID Recovery	Optional		
PV String Monitoring	Optional		
Consumption Monitoring	Optional		
General			
Topology	Transformerless		
IP Rating	IP66		
Night Self Consumption	< 10W (Standard)		
Cooling	Fan cooling		
Operating Temperature Range	-25°C-60°C		
Relative Humidity Range	0-100%		
Max. Operating Altitude	4000m		
Dimensions (W*H*D)	936mm*678mm*365mm		
Weight	91.5Kg	92Kg	
HMI & COM			
Display	Wireless & APP +LED, LCD (Optional)		
Communication	RS 485, Optional: WiFi / GPRS / LAN		
Certification			
Safety	IEC62109-1, IEC62109-2		
Grid Code	EN 50549-1/-2, IEC 61727/62116, VDE-AR-N 4105, CEI 0-21/16, UNE 206006/206007-1, UNE 217001, AS 4777		
Warranty	5 Years		

Remarks:
- The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

Energy Storage Inverter

SINGLE PHASE HYBRID INVERTER

SE 3.6KHB-60, SE 4.6/5/6KHB-120

EXCELLENT PERFORMANCE

- Maximum efficiency of 97.3% and battery efficiency of 94.3%
- Maximum 9kW PV input power
- Maximum battery charge/discharge current of 120A
- Large MPPT current, compatible with high-power solar panels
- Advanced parallel function

HIGH RELIABILITY

- Key components from international renowned brands
- IP65 protection rating, ensuring adaptability to complex outdoor environment
- Multiple built-in protections, with optional Type II SPD

INTELLIGENT MAINTENANCE

- Quick commission via mobile app, 24/7 remote monitoring, configuration and upgrade
- Advanced energy management mechanism, with multiple built-in working modes and flexible customized settings
- Optional generator and smart load functions

Model	SE 3K6HB-60	SE 4K6HB-120	SE 5KHB-120	SE 6KHB-120
Efficiency				
Max. Efficiency (PV to AC)	97.3%			
Eur. Efficiency (PV to AC)	96.8%			
Max. Efficiency (BAT to AC)	94.3%			
Input (PV)				
Max. PV Configuration	200%			
Max. PV Input Power	6,300W	9,000W		
Max. PV Voltage	550V			
Start-up Voltage	90V			
MPPT Operating Voltage Range	70V-540V			
Max. Input Current per MPPT	15A/15A			
Max. Short Circuit Current per MPPT	20A/20A			
String per MPPT	2 (1/1)			
Nos. of MPPT	2			
Input/Output (BAT)				
Battery Type	Lithium-ion/Lead-acid			
Nominal Battery Voltage	48V			
Battery Voltage Range	40V-65V			
Max. Charge/Discharge Current	60A/60A	120A/120A	120A/120A	120A/120A
Max. Charge/Discharge Power	3,000W/3,000W	6,000W/6,000W	6,000W/6,000W	6,000W/6,000W
Output (Grid)				
Nominal AC Output Power	3,600W	4,600W	5,000W	6,000W
Max. AC Output Apparent Power	3,960VA	4,600VA	5,500VA	6,000VA
Max.AC Output Power (PF=1)	39,60W	4,600W	5,500W	6,000W
Max. AC Output Current	18A	22A	25A	27.2A
Nominal Grid Voltage	Single Phase 220V/230V/240V, L+N+PE			
Grid Voltage Range	150V-300V (Adjustable)			
Nominal Grid Frequency	50Hz/60Hz			
Grid Frequency Range	45Hz-55Hz/55Hz-65Hz (Adjustable)			
Power Factor	> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)			
THDI	<3% (Rated Power)			
Output (Back up)				
Nominal Output Power	3,000W	4,600W	5,000W	6,000W
Nominal Output Current	13.1A	20A	21.7A	26.1A
Peak Output Apparent Power (>1s)	4,500VA	6,900VA	7,500VA	9,000VA
Nominal Output Voltage	Single Phase 220V/230V/240V, L+N+PE			
Nominal Output Frequency	50Hz/60Hz			
Transfer Time	<10ms			
THDV	<3% @100% R Load			
Protection				
Protection Category	Class I			
DC Switch	Yes			
Anti-islanding Protection	Yes			
AC Overcurrent Protection	Yes			
DC/AC Overvoltage Protection	DC Type II, AC Type III			
AC Short Circuit Protection	Yes			
DC Reverse Protection	Yes			
Surge Arrester	DC Type III, AC Type III (optional Type II)			
Insulation Resistance Detection	Yes			
Leakage Current Protection	Yes			
Generator	Optional			
General				
Max. Operating Altitude	4000m (>2000m derating)			
Ingress Protection Rating	IP65			
Operating Temperature Range	-25°C~60°C (>45°C derating)			
Relative Humidity	0~100%			
Cooling Method	Natural Cooling			
Mounting	Wall bracket			
Dimensions (W*H*D)	570mm*495mm*175mm			
Weight	20Kg	25Kg		
PV Connection Way	MC4/H4			
Battery Connection Way	Dedicated DC connector			
AC Connection Way (Grid & Back up)	Dedicated AC connector			
HMI & COM				
Display	Bluetooth & APP + LED, LCD (optional)			
Communication Interface	RS485/CAN (for BMS), RS485, USB, Ethernet, DRM/RS485 (for Meter), Optional: Wi-Fi/GPRS/LAN			
Certification				
Safety	IEC 62109-1&2, IEC62040-1, IEC 62477-1			
Grid	VDE 4105, IEC 61727/62116, AS 4777.2, EN 50549-1, C10/11, G98/G99/G100, CEI 0-21, NRS 097-2-1, RD 1699/661/647/413, UNE 217002			
Warranty	5 Years			

Remarks:
- The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced noticed.

Energy Storage Inverter

SINGLE PHASE HYBRID INVERTER

SE 3/3.6/4.6/5/6KHB-HV

EXCELLENT PERFORMANCE

- Maximum efficiency of 97.8% and battery efficiency of 97.0%
- Maximum 12kW PV input power
- Maximum battery charge/discharge current of 42A
- Large MPPT current, compatible with high-power solar panels
- Supporting full-house load on backup port, with maximum capacity of 12kW

HIGH RELIABILITY

- Key components from international renowned brands
- IP66 protection rating, ensuring adaptability to complex outdoor environment
- Multiple built-in protections, with optional AFCI

INTELLIGENT MAINTENANCE

- Quick commission via mobile app, 24/7 remote monitoring, configuration and upgrade
- Advanced energy management mechanism, with multiple built-in working modes and flexible customized settings

Model	SE 3KHB-HV	SE 3K6HB-HV	SE 4K6HB-HV	SE 5KHB-HV	SE 6KHB-HV
Efficiency					
Max. Efficiency (PV to AC)			97.8%		
Eur. Efficiency (PV to AC)			97.5%		
Max. Efficiency (BAT to AC)			97.0%		
Input (PV)					
Max. PV Configuration			200%		
Max. PV Input Power	6,000W	7,200W	9,200W	10,000W	12,000W
Max. PV Voltage			550V		
Start-up Voltage			90V		
MPPT Operating Voltage Range			70V-540V		
Max. Input Currentper MPPT			16A/16A		
Max. Short Circuit Current per MPPT			20A/20A		
String per MPPT			2 (1/1)		
Nos. of MPPTT			2		
Input/Output (BAT)					
Battery Type			Lithium-ion/Lead-acid		
Nominal Battery Voltage			360V		
Battery Voltage Range			80V-480V		
Max. Charge/Discharge Current			42A/42A		
Max. Charge/Discharge Power	6,000W/3,960W	6,000W/3,960W	6,000W/6,600W	6,000W/6,600W	6,000W/6,600W
Output (Grid)					
Nominal AC Output Power	3,000W	3,600W	4,600W	5,000W	6,000W
Max. AC Output Apparent Power	3,300VA	3,960VA	4,600VA	5,500VA	6,600VA
Max .AC Output Power (PF=1)	3,300W	3,960W	4,600W	5,500W	6,600W
Max. AC Output Current	15.0A	18.0A	21.0A	25.0A	28.7A
Nominal Grid voltage			Single Phase 220V/230V/240V, L+N+PE		
Grid Voltage Range			150V-300V (Adjustable)		
Nominal Grid Frequency			50Hz/60Hz		
Grid Frequency Range			45Hz-55Hz/55Hz-65Hz (Adjustable)		
Power Factor			> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)		
THDI			<3% (Rated Power)		
Output (Back up)					
Nominal Output Power	3,000W	3,600W	4,600W	5,000W	6,000W
Nominal Output Current	13.1A	15.7A	20A	21.7A	26.1A
Peak Output Apparent Power (1min)	3,600VA	4,320VA	5,520VA	6,000VA	7,200VA
Peak Output Apparent Power (5s)	4,500VA	5,400VA	6,900VA	7,500VA	9,000VA
Nominal Output Voltage			Single Phase 220V/230V/240V, L+N+PE		
Nominal Output Frequency			50/60Hz		
Transfer Time			<10ms		
THDV			<3% @100% R Load		
Protection					
Protection Category			Class I		
DC Switch			Yes		
Anti-islanding Protection			Yes		
AC Over Current Protection			Yes		
DC/AC Overvoltage Protection			DC Type II, AC Type III		
AC Short Circuit Protection			Yes		
DC Reverse Protection			Yes		
Surge Arrester			DC Type II, AC Type II		
Insulation Resistance Detection			Yes		
Leakage Current Protection			Yes		
AFCI			Optional		
General					
Max. Operation Altitude			4000m (>2000m derating)		
Ingress Protection Degree			IP66		
Operating Temperature Range			-25~60°C (>45°C derating)		
Relative Humidity			0~100%		
Cooling Method			Natural Cooling		
Mounting			Wall bracket		
Dimensions (W*H*D)			470mm*358mm*173mm		
Weight			14.6Kg		
PV Connection Way			MC4/H4		
HMI & COM					
Display			Bluetooth & APP + LED, LCD (optional)		
Communication interface			RS485/CAN (BMS), DRM/RS485 (for Meter), RS485, Optional: Wi-Fi/GPRS/LAN		
Certification					
Safety			IEC 62109-1/2		
Grid			EN 50549-1, VDE 4105, AS 4777, CEI 0-21, G98/G99/G100, RD 1699/661/647/413, UNE 217002		
Warranty			5 Years		

Remarks :
- The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

Energy Storage Inverter

SINGLE PHASE HYBRID INVERTER

SE 8/10KHB-T/EU

MAXIMIZE PV INPUT POWER

- Up to 200% oversizing allowed with 3 MPPTs
- Support high power module with 30A PV input current
- Support AC coupled solar input

VERSATILE APPLICATIONS

- Stackable up to 9 units
- Standby generator connection for whole-home back up
- Four application modes
- Remote configuration and upgrade

FLEXIBLE BATTERY CONFIGURATION

- Support 40-64V Lithium or Lead-acid battery
- Maximum battery charge/discharge current of 210A

STABLE OUTPUT POWER

- Continuous 110% of nominal AC power
- Seamless backup transition (<4ms)

Model	SE 8KHB-180-T/EU	SE 10KHB-210-T/EU
Efficiency		
Max. Efficiency (PV to AC)	98.0%	
Max. Efficiency (BAT to AC)	94.5%	
Input (PV)		
Max. PV Configuration	200%	
Max. PV Input Power	12,000W	15,000W
Max. PV Voltage	600V	
Start-up Voltage	90V	
MPPT Operating Voltage Range	70V-540V	
Max. Input Current per MPPT	30A/22A/22A	
Max. Short Circuit Current per MPPT	40A/30A/30A	
String per MPPT	6(2/2/2)	
Nos. of MPPT	3	
Input/Output (BAT)		
Battery Type	Lithium-ion/Lead-acid	
Nominal Battery Voltage	48V	
Battery Voltage Range	40V-64V	
Max. Charge/Discharge Current	210A/180A	210A/210A
Max. Charge/Discharge Power	10,000W/8,000W	10,000W/10,000W
Output (Grid)		
Nominal AC Output Power	8,000W	10,000W
Max. AC Output Apparent Power	8,800VA	11,000VA
Max. AC Output Power (PF=1)	8,800W	11,000W
Max. AC Output Current	40A	50A
Nominal Grid Voltage	Single Phase 220V/230/240V, L+N+PE	
Grid Voltage Range	150V-300V (Adjustable)	
Nominal Grid Frequency	50Hz/60Hz	
Grid Frequency Range	45Hz-55Hz/55Hz-65Hz (Adjustable)	
Power Factor	> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)	
THDI	<3% (Rated Power)	
Output (Back up)		
Nominal Output Power	8,000W	10,000W
Nominal Output Current	34.8A	43.5A
Peak Output Apparent Power (1s)	16,000VA	20,000VA
Nominal Output Voltage	Single Phase 220V/230/240V, L+N+PE	
Nominal Output Frequency	50Hz/60Hz	
Transfer Time	<4ms	
THDV	<3% @100% R Load	
Protection		
Protection Category	Class I	
DC Switch	Yes	
Anti-islanding Protection	Yes	
AC Overcurrent Protection	Yes	
DC/AC Overvoltage Protection	DC Type II, AC Type III	
AC Short Circuit Protection	Yes	
DC Reverse Protection	Yes	
Surge Arrester	DC Type II, AC Type II	
Insulation Resistance Detection	Yes	
Leakage Current Protection	Yes	
AFCI	Optional	
Generator	Yes	
General		
Max. Operation Altitude	4000m (>2000m derating)	
Ingress Protection Degree	IP65	
Operating Temperature Range	-25°C~60°C(>45°C derating)	
Relative Humidity	0~100%	
Cooling	Fan Cooling	
Mounting	Wall bracket	
Dimensions (W*H*D)	420mm*800mm*240mm	
Weight	39Kg	
PV Connection Way	Terminals	
HMI & COM		
Display	Bluetooth & APP + LED , LCD (optional)	
Communication Interface	RS485/CAN (for BMS), DRM/RS485 (for Meter), RS485 Optional: Wi-Fi/GPRS/LAN	
Certification		
Safety	IEC 62109-1&2	
Grid	IEC 61727/62116, AS 4777.2, NRS 097-2-1	
Warranty	5 Years	

Remarks:
- The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced notice.

Energy Storage Inverter

SPLIT PHASE HYBRID INVERTER

SE 5/6/7.6/10/12KHB-UL

MAXIMIZE PV INPUT POWER

- Up to 200% oversizing allowed with 3 MPPTs
- Support high power module with 30A PV input current
- Support AC coupled solar input
- Integrated arc fault circuit interrupter (AFCI) and Rapid Shutdown

VERSATILE APPLICATIONS

- Stackable up to 9 units
- Standby generator connection for whole-home back up
- Four application modes
- Remote configuration and upgrade

FLEXIBLE BATTERY CONFIGURATION

- Built-in DC Breaker for safety and reliability
- Support 40-64V Lithium or Lead-acid battery
- Maximum battery charge/discharge current of 210A

STABLE OUTPUT POWER

- Continuous 110% of nominal AC power
- Support 120/240/208V connections
- Seamless backup transition (<4ms)

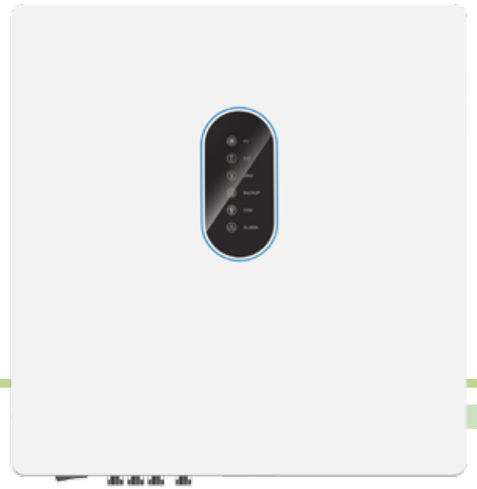
Model	SE 5KHB-130-D2/UL	SE 6KHB-130-D2/UL	SE 7K6HB-180 T2/UL	SE 10KHB-210-T2/UL	SE 12KHB-210-T2/UL
Efficiency					
Max. Efficiency (PV to AC)	98.0%				
Max. Efficiency (BAT to AC)	94.5%				
Input (PV)					
Max. PV Configuration	200%				
Max. PV Input Power	7,500W	9,000W	12,000W	15,000W	15,000W
Max. PV Voltage	600V				
Start-up Voltage	90V				
MPPT Operating Voltage Range	70V-550V				
Max. Input Current per MPPT	30A/22A		30A/22A/22A		
Max short current per MPPT	40A/30A		40A/30A/30A		
String per MPPT	4 (2/2)		6 (2/2/2)		
Nos. of MPPT	2		3		
Input/Output (BAT)					
Battery Type	Lithium-ion/Lead-acid				
Nominal Battery Voltage	48V				
Battery Voltage Range	40V-64V				
Max. Charge/Discharge Current	210A/130A	210A/130A	210A/180A	210A/210A	210A/210A
Max. Charge/Discharge Power	10,000W/5,000W	10,000W/6,000W	10,000W/8,000W	10,000W/10,000W	11,400W/12,000W
Output (Grid)					
Nominal AC Output Power	5,000W	6,000W	7,600W	10,000W	11,400W
Max. AC Output Apparent Power	5,500VA	6,600VA	7,600VA	11,000VA	11,400VA
Max. AC Output Power (PF=1)	5,500W	6,600W	7,600W	11,000W	11,400W
Nominal AC Output Current	20.9A/24.1A	25A/28.9A	31.7A/36.6A	41.7A/47.5A	47.5A/54.8A
Max. AC Output Current	26.5A	31.8A	36.6A	47.5A	54.8A
Nominal Grid Voltage	120V/240V (Split phase) / 208V (2/3 phase)				
Nominal Grid Frequency	50Hz /60Hz				
Grid Frequency Range	45Hz-55Hz/55Hz-65Hz (Adjustable)				
Power Factor	> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)				
THDI	<3% (Rated Power)				
Output (Back up)					
Nominal Output Power	5,000W	6,000W	7,600W	10,000W	11,400W
Nominal Output Current	20.9A/24.1A	25A/28.9A	31.7A/36.6A	41.7A/47.5A	47.5A/54.8A
Peak Output Apparent Power (1s)	10,000VA	12,000VA	15,200VA	20,000VA	20,000VA
Nominal Output Voltage	120V/240V (Split phase) / 208V (2/3 phase)				
Nominal Output Frequency	50Hz/60Hz				
Transfer Time	<4ms				
THDV	<3% @100% R Load				
Protection					
Protection Category	Class I				
DC Switch	Yes				
Anti-islanding Protection	Yes				
AC Overcurrent Protection	Yes				
DC/AC Overvoltage Protection	DC Type II, AC Type III				
AC Short Circuit Protection	Yes				
DC Reverse Protection	Yes				
Surge Arrester	DC Type II, AC Type II				
Insulation Resistance Detection	Yes				
Leakage Current Protection	Yes				
AFCI	Yes				
RSD	Yes (APsystems Sunspec)				
Generator	Yes				
General					
Max. Operation Altitude	2000m				
Ingress Protection Degree	IP65/NEMA 3R				
Operating Temperature Range	-25°C~60°C (>45°C derating)				
Relative Humidity	0~100%				
Cooling Method	Fan Cooling				
Mounting	Wall bracket				
Dimensions (W*H*D)	16.5*31.5*9.4 inch (420mm*800mm*240mm)				
Weight	40Kg/88lb				
PV Connection Way	Terminals				
HMI & COM					
Display	Bluetooth & APP + LED, LCD (optional)				
Communication Interface	RS485/CAN (for BMS), DRM/RS485 (for meter), RS485, Optional: WiFi /LAN				
Certification					
Safety	UL 1741/CSA C22.2/UL 1699B				
Grid	UL1741SB, IEEE1547: 2018, HECO SRD 2.0				
EMC	FCC Part 15 Class B				
Warranty	5 Years				

Remarks :
- The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced noticed.

Energy Storage Inverter

THREE PHASE HYBRID INVERTER

SE 5/6/8/10KHB-D3



EXCELLENT PERFORMANCE

- Maximum efficiency of 98.4% and battery efficiency of 98%
- Maximum 15kW PV input power, supporting continuous overload capacity of 110% and unbalanced output of 150%
- Maximum battery charge/discharge current of 50A
- Large MPPT current, compatible with high-power solar panels
- Advanced parallel function

HIGH RELIABILITY

- Key components from international renowned brands
- IP65 protection rating, ensuring adaptability to complex outdoor environment
- Multiple built-in protections, with optional AFCI, RSD

INTELLIGENT MAINTENANCE

- Quick commission via mobile app, 24/7 remote monitoring, configuration and upgrade
- Advanced energy management mechanism, with multiple built-in working modes and flexible customized settings

Model	SE 5KHB-D3	SE 6KHB- D3	SE 8KHB- D3	SE 10KHB- D3
Efficiency				
Max. Efficiency (PV to AC)	98.2%		98.4%	
Eur. Efficiency (PV to AC)	97.2%		97.9%	
Max. Efficiency (BAT to AC)	98.0%			
Input (PV)				
Max. PV Configuration	200%			
Max. PV Input Power	9,000W		15,000W	
Max. PV Voltage	1000V			
Start-up Voltage	150V			
MPPT Operating Voltage Range	160V-950V			
Max. Input Current per MPPT	15A/15A		20A/30A	
Max. Short Circuit Current per MPPT	20A/20A		30A/40A	
String per MPPT	2 (1/1)		3 (1/2)	
Nos. of MPPT	2			
Input/Output (BAT)				
Battery Type	Lithium-ion/Lead-acid			
Nominal Battery Voltage	250V-600V			
Battery Voltage Range	150V-600V			
Max. Charge/Discharge Current	25A/25A	25A/25A	50A/50A	50A/50A
Max. Charge/Discharge Power	9,000W/5,800W	9,000W/7,000W	15,000W/9,100W	15,000W/11,300W
Output (Grid)				
Nominal AC Output Power	5,000W	6,000W	8,000W	10,000W
Max. AC Output Apparent	5,500VA	6,600VA	8,800VA	11,000VA
Max. AC Output Power (PF=1)	5,500W	6,600W	8,800W	11,000W
Max. AC Output Current	3*8.3A	3*10A	3*13.3A	3*16.7A
Max. Single Phase Power	2,500W	3,000W	4,000W	5,000W
Max. Input Power	15,000W			
Max. Input Current	3*25A			
Nominal Grid Voltage	Three Phase 380V/400V/415V, 3W+N+PE			
Grid Voltage Range	260V-520V (Adjustable)			
Nominal Grid Frequency	50Hz/60Hz			
Grid Frequency Range	45Hz-55Hz/55Hz-65Hz (Adjustable)			
Power Factor	> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)			
THDI	<3% (Rated Power)			
Output (Back up)				
Nominal Output Power	5,000W	6,000W	8,000W	10,000W
Nominal Output Current	3*7.6A	3*9.1A	3*12.2A	3*15.2A
Max. Single Phase Power	2,500W	3,000W	4,000W	5,000W
Peak Output Apparent Power (5min)	6,000VA	7,200VA	9,600VA	12,000VA
Peak Output Apparent Power (10s)	7,500VA	9,000VA	12,000VA	15,000VA
Nominal Output Voltage	Three Phase 380V/400V/415V, 3W+N+PE			
Nominal Output Frequency	50Hz/60Hz			
Transfer Time	<10ms			
THDV	<3% @100% R Load			
Protection				
Protection Category	Class I			
DC Switch	Yes			
Anti-islanding Protection	Yes			
AC Overcurrent Protection	Yes			
DC/AC Overvoltage Protection	DC Type II, AC Type III			
AC Short Circuit Protection	Yes			
DC Reverse Protection	Yes			
Surge Arrester	DC Type II, AC Type II			
Insulation Resistance Detection	Yes			
Leakage Current Protection	Yes			
GFCI	Yes			
AFCI	Optional			
RSD	Optional			
General				
Max. Operation Altitude	4000m (>2000m derating)			
Ingress Protection Degree	IP65			
Operating Temperature Range	-25°C~60°C (>45°C derating)			
Relative Humidity	0~100%			
Cooling Method	Natural Cooling			
Mounting	Wall bracket			
Dimensions (W*H*D)	530mm*550mm*212mm			
Weight	30Kg		32Kg	
PV Connection Way	MC4/H4			
HMI & COM				
Display	Bluetooth & APP + LED, LCD (optional)			
Communication Interface	RS485/CAN (BMS), RS485, RS485 (for meter), DRM, 2*DI (1 RMO), 2*DO, optional: WiFi/GPRS/LAN			
Certification				
Safety	IEC 62109-1&2			
Grid	VDE 4105, EN 50549-1, CEI 0-21, PPDS, RD 1699/661/647/413, UNE 217002, AS 4777.2, C10/11, G98/G100, IEC 61727/62116			
Warranty	5 Years			

Remarks:
- The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced noticed.

Energy Storage Inverter

THREE PHASE HYBRID INVERTER

SE 12/15/20/25/30KHB

EXCELLENT PERFORMANCE

- Maximum efficiency of 98.4% and battery efficiency of 98.0%
- Maximum 150% PV input power, supporting continuous overload capacity of 110% and unbalanced output of 150%
- Maximum battery charge/discharge current of 2*50A
- Large MPPT current, compatible with high-power solar panels
- Advanced parallel function

HIGH RELIABILITY

- Key components from international renowned brands
- IP66 protection rating, ensuring adaptability to complex outdoor environment
- Multiple built-in protections, with optional AFCI, RSD

INTELLIGENT MAINTENANCE

- Quick commission via mobile app, 24/7 remote monitoring, configuration and upgrade
- Advanced energy management mechanism, with multiple built-in working modes and flexible customized settings

Model	SE 12KHB-D3	SE 15KHB-D3	SE 20KHB-D3	SE 25KHB-T3	SE 30KHB-T3
Efficiency					
Max. Efficiency (PV to AC)		98.2%		98.4%	
Eur. Efficiency (PV to AC)			97.9%		
Max. Efficiency (BAT to AC)			98.0%		
Input (PV)					
Max. PV Configuration			200%		
Max. PV Input Power	18,000W	22,500W	30,000W	37,500W	45,000W
Max. PV Voltage			1000V		
Start-up Voltage			150V		
MPPT Voltage Range			160V-950V		
Max. Input Current per MPPT		30A/30A		30A/30A/30A	
Max. Short Circuit Current per MPPT		40A/40A		40A/40A/40A	
String per MPPT		4 (2/2)		6 (2/2/2)	
Nos. of MPPT		2		3	
Input/Output (BAT)					
Battery Type			Lithium-ion/Lead-acid		
Nominal Battery Voltage	250V-800V	320V-800V	420V-800V	260V-800V	320V-800V
Battery Voltage Range			120V-800V		
Max. Charge/Discharge Current		50A/50A		2*50A/2*50A	
Max. Charge/Discharge Power	14,400W/ 13,600W	18,000W/ 17,000W	24,000W/ 22,680W	30,000W/ 28,350W	30,000/ 34,000W
Output (Grid)					
Nominal AC Output Power	12,000W	15,000W	20,000W	25,000W	30,000W
Max. AC Output Power	13,200VA	16,500VA	22,000VA	27,500VA	33,000VA
Max. AC Output Power (PF=1)	13,200W	16,500W	22,000W	27,500W	33,000W
Max. AC Output Current	3*20.1A	3*25.1A	3*33.4A	3*41.8A	3*50.1A
Max. Single Phase power	6,000W	7,500W	10,000W	11,000W	11,000W
Max. Input Power		30,000W		45,000W	
Max. Input Current		3*50A		3*75A	
Nominal Grid Voltage	Three Phase 380V/400V/415V, 3W+N+PE				
Grid Voltage Range	277V-520V (Adjustable)				
Nominal Grid Frequency	50Hz/60Hz				
Grid Frequency Range	45Hz-55Hz/55Hz-65Hz (Adjustable)				
Power Factor	> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)				
THDI	<3% (Rated Power)				
Output (Back up)					
Nominal Output Power	12,000W	15,000W	20,000W	25,000W	30,000W
Nominal Output Current	3*18.2A	3*22.7A	3*30.3A	3*37.9A	3*45.5A
Max. Single Phase Power	6,000W	7,500W	10,000W	11,000kW	11,000kW
Peak Output Apparent Power (5min)	14,400VA	18,000VA	24,000VA	30,000VA	36,000VA
Peak Output Apparent Power (10s)	18,000VA	22,500VA	30,000VA	37,500VA	45,000VA
Nominal Output Voltage	Three Phase 380V/400V/415V, 3W+N+PE				
Nominal Output Frequency	50Hz/60Hz				
Transfer Time	<10ms				
THDV	< 3% @100% R Load				
Protection					
Protection Category	Class I				
DC Switch	Yes				
Anti-islanding Protection	Yes				
AC Overcurrent Protection	Yes				
DC/AC Overvoltage Protection	DC Type II, AC Type III				
AC Short Circuit Protection	Yes				
DC Reverse Protection	Yes				
Surge Arrester	DC Type II, AC Type II				
Insulation Resistance Detection	Yes				
Leakage Current Protection	Yes				
AFCI	Optional				
RSD	Optional				
General					
Max. Operation Altitude	4000m (>2000m derating)				
Ingress Protection Degree	IP66				
Operating Temperature Range	-25°C~60°C (>45°C derating)				
Relative Humidity	0~100%				
Cooling	Natural Cooling			Smart Fan Cooling	
Mounting Method	Wall bracket				
Dimensions (W*H*D)	660mm*570mm*230mm				
Weight	45Kg			55Kg	
PV Connection Way	MC4/H4				
HMI & COM					
Display	Bluetooth & APP + LED, LCD (optional)				
Communication Interface	RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optional: Wi-Fi/GPRS/LAN, 2*DO, 2*DI				
Certification					
Safety	IEC 62109-1&2				
Grid	VDE 4105, EN 50549-1, CEI 0-21, NRS 097-2-1, RD 1699/661/647/413, UNE 217002, AS 4777.2, C10/11, G98/G100, IEC 61727/62116				
Warranty	5 Years				

Remarks:
- The range of output voltage and frequency may vary depending on different grid codes.
- Specifications are subject to change without advanced noticed.

Accessory

DATA LOGGER V1000+

- Built-in web server for LAN monitoring
- 12 Months of data storage
- Automatic network clock synchronization
- RS485 interface for inverter connection
- Standard RJ45 patch cable
- Power export control supported

Model	V1000+
Connection	Inverter: RS485 Router: RJ45
Access Number	40pcs
Transmission Maximum Distance	1200m
Display	LED
Input	
Input Voltage	Input: AC 90V-250V 50/60Hz Output: DC 5V
Static Current Consumption	1A
General	
Operating Temperature	-25°C~55°C
Humidity	10%~95% relative humidity, no condensation
IP Rating	IP20
Dimension (L*W*H)	118mm*78mm*29mm
Certification	
Safety	FCC, CE, ROHS

WIFI Communication Module SE WIFI-R

- Easy plug-and-play installation for quick and convenient setup
- Preferred monitoring solution for residential use

Model	SE WIFI-R
Connection	TTL
Standards	802.11 b/g/n
Transmission Maximum Distance	100m Unobstructed environment
Setting	APP / WEB
Input	
Input Voltage	DC 5V
Static Power Consumption	<1.6W
General	
Operating Temperature	-25°C~60°C
Humidity	0%~100% relative humidity, no condensation
IP Rating	IP65
Dimension (L*W*H)	71mm*41mm*92mm
Certification	
Safety	FCC / CE-RED / SRRC

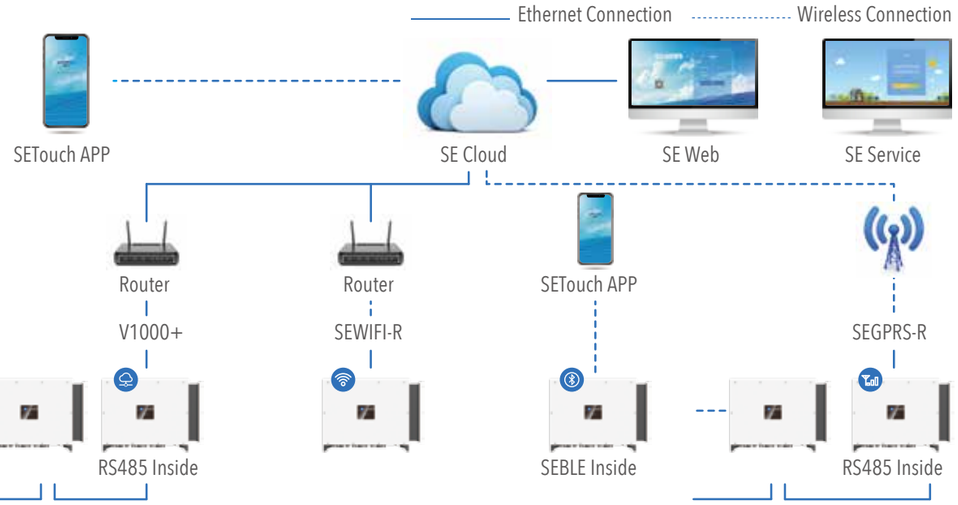
LAN Communication Module SE LAN-R

- Easy plug-and-play installation for quick and convenient setup
- Mobile internet monitoring, ideal for rural and remote areas

Model	SE LAN-R
Connection	TTL
Standards	IEEE 802.3
Transmission Maximum Distance	100m CAT5
Setting	APP
Input	
Input Voltage	DC 5V
Static Power Consumption	<1.6W
General	
Operating Temperature	-25°C~60°C
Humidity	0%~100% relative humidity, no condensation
IP Rating	IP65
Dimension (L*W*H)	71mm*41mm*117mm
Certification	
Safety	FCC, CE-RED, SRRC

SMART SOLAR CLOUD

- Suitable for residential, commercial and storage applications
- Android/iOS app compatible with latest operating systems
- Cloud service available in Europe, America, Singapore and China
- String monitoring capability
- Intelligent data analysis



PRESALES SUPPORT

TAILORED SOLUTIONS

SPECIALIZED PRODUCT CONSULTING

ONE-ON-ONE APPLICATION COACHING

SYSTEMATIC PRODUCT TRAINING

AFTER SALE SERVICE

WORRY-FREE WARRANTY

- 66-month standard warranty
- Up to $10M product liability
- Insurance for shipped inverters

REPLACEMENT SERVICE

- Spare units provided for quick replacement of failures
- Remaining warranty transferred automatically for defective units

RESPONSIVENESS

- Prompt response to quality issues and service requests from partners
- Expertise in various field applications to assist with problem-solving

GLOBAL NETWORK

VISION & MISSION

Become the technology and market leader in the new energy industry through continuous innovation, distinctive and highly competitive products and services.

MARKETING PROMOTION

APPLICATION REFERENCES

FOSHAN, CHINA
4.2MW

SHANTOU, CHINA
2MW

HUNAN, CHINA
6MW

VIETNAM
200KW

BUDAI TOWN, TAIWAN
4MW

CHIAYI COUNTY, TAIWAN
20MW