



GS Holding GmbH

Headquarters
Address: Room C, 22/F, Nathan Commercial
Building, 430-436 Nathan Road, Kowloon, Hong
Kong

Germany Office
Address: GS Holding GmbH, KORNMARKTARKADEN,
60311 Frankfurt, Germany

Email: info@groupgshk.com
<http://www.groupgshk.com>



FOCUS ON PV INVERTERS AND ENERGY STORAGE PRODUCTS AND SOLUTIONS





GROUP VISION

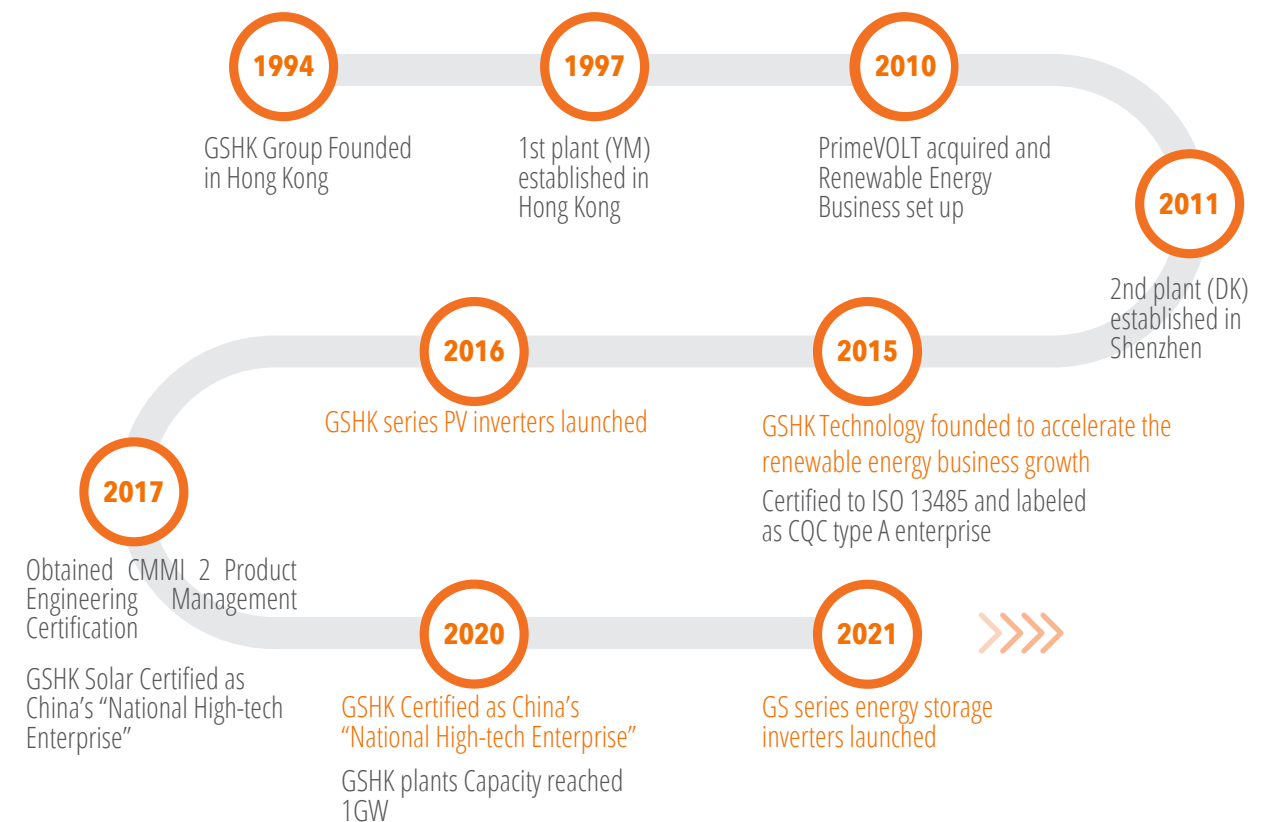
IN PURSUIT OF SUSTAINABLE DEVELOPMENT, WE STRIVE TO BECOME A LEADER IN THE ENERGY SELECTED MARKETS WITH ADVANCED TECHNOLOGIES.

ABOUT US

GS Holding GmbH is a high-tech company focused on PV inverters and energy storage products and solutions. Relying on the strong supply chain and solar inverter manufacturing capability of our parent company, GSHK Solar, we have also attracted top PV inverter R&D talent from home and abroad, and assembled senior marketing, product and sales teams who live by the corporate spirit of "Professionalism, Integrity, Innovation and Win-Win". From our base in Hong Kong, we serve markets across China and around the world export Inverter. Empowered by the highly automated production equipment, our Germany manufacturing base has the leading production capabilities and capacity in the industry and has been granted with the title of "National High-Tech Enterprise" as an Inverter Manufacturer.

GSHK Solar is the global market leader with broad recognition in the industries of network communications, printers and external power adapters for storage equipment. With its market share at the forefront in Hong Kong, GSHK Solar's PrimeVOLT PV inverter has been sold remarkably well in Europe and the US for more than a decade.

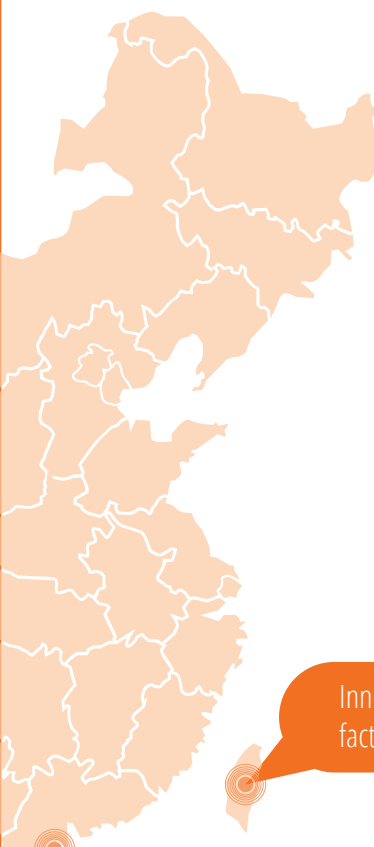
COMPANY MILESTONE



15 years' competence in PV inverter R&D and manufacturing with leading position in Taiwan market



Standard production line platforms with personalized product appearance and accessories



FOOTPRINT MANUFACTURING CAPACITY

2GW
Per Year

150MW
Per Month

Innovation Center & 2
factories in Hong Kong

R&D Center &
2 factories in Germany

OUR COMPETITIVE ADVANTAGES



R&D

- The pioneers and practitioners of the Chinese string inverter
- Dual research centers in both Hong Kong and Germany
- Integrated Product Development (IPD) process DFMEA & PFMEA-guaranteed product reliability



QUALITY CONTROL

- ISO13485 for medical equipment level quality system
- Comprehensive QC and GP system throughout product development and production processes
- Endorsed by the leading industry players



MANUFACTURING

- Dual manufacturing bases in both Hong Kong and Germany
- Full industry process ranging from PCBA manufacturing to burn-in tests
- Highly-automated production equipment and flexible production line

RELIABILITY TEST



**PROGRAMMABLE
BURN-IN ROOM**



**ENVIRONMENTAL
STRESS LABORATORY**



**SOLAR ARRAY SIMULATOR
& GRID SIMULATOR**

QUALITY CONTROL IN MANUFACTURING PROCESS



SPI

01



2nd optical detection
+infrared detector

03



Conformal
Coating

05



Burn in for
3-8h in 40°C

07



1st auto-optical
detection

02



FCT

04



Automated Hi-Pot
& Function test

06



Tightness
Test for IP65

08

SHIPPING



CHOOSING SENERGY IS CHOOSING SUPERIOR QUALITY



INTELLIGENT
MONITORING



QUICK RESPONSE
SERVICE



REMOTE
TROUBLESHOOTING

Single Phase 2kW-10kW



Three Phase 6kW-15kW



Three Phase 17kW-30kW



Three Phase 50kW-60kW



SINGLE PHASE & SINGLE MPPT

GS 2/3/3.6KTL-S1/G2

Application: Family Use



SUPERIOR EFFICIENCY

- Maximum efficiency 97.8%
- String Current 13A, compatible with high Power modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- IP65 waterproof and dustproof, C5 anti-corrosion
- Compatible with wide power grid voltage and high harmonic power grid environment
- DC /AC SPD optional, AFCI detection optional



INTELLIGENT MAINTENANCE

- Remote configuration and upgrade
- Supports export power control

Model	GS 2KTL-S1/G2	GS 3KTL-S1/G2	GS 3K6TL-S1/G2
Efficiency			
Max. Efficiency	97.5%	97.8%	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	13A		
Max.Short Circuit Current	15A		
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 Active Power (PF=1)	2,200W	3,300W	3,600W
Max. AC Output Current	10A	15A	16.0A
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 Leading-0.8 Lagging)		
Protection			
DC switch	Support		
Anti-islanding protection	Support		
AC overcurrent protection	Support		
AC short circuit protection	Support		
DC reverse connection	Support		
Surge Arrester	DC Type III (Optional) / AC Type III		
Insulation detection	Support		
Leakage current protection	Support		
General			
Topology	Transformerless		
IP Rating	IP65		
Night Self Consumption	<1W		
Cooling	Natural cooling		
Operating Temperature Range	-25°C-60°C		
Relative Humidity Range	1-100%		
Max. Operating Altitude	4000m		
Noise (typical)	30dB		
Dimensions (W*H*D)	320mm*344mm*137mm		
Weight	6.5kg		
HMI & COM			
Display	Wireless & APP+LED, LCD (Optional)		
Communication	WiFi (Optional) / GPRS (Optional) / RS485 (Optional)		
Certification			
Safety	IEC62109-1, IEC62109-2		
Grid Code	IEC61727 / 62116, ABNT 16149 / 16150, IEEE 1547, AS 4777		
Warranty	5 Years		

Remarks :

- ①② The range of output voltage and frequency may vary depending upon different grid codes.
- Specifications are subject to change without advance notice.

SINGLE PHASE & DUAL MPPT
GS 4/5/6KTL-D1/G2

Application: Family Use



SUPERIOR EFFICIENCY

- Maximum efficiency 98.2%
- String Current 13A, compatible with high Power modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- IP65 waterproof and dustproof, C5 anti-corrosion
- Compatible with wide power grid voltage and high harmonic power grid environment
- DC /AC SPD optional, AFCI detection optional



INTELLIGENT MAINTENANCE

- Remote configuration and upgrade
- Supports export power control

Model	GS 4KTL-D1/G2	GS 5KTL-D1/G2	GS 6KTL-D1/G2
Efficiency			
Max. Efficiency	98.0%	98.2%	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	26A (2*13A)		
Max.Short Circuit Current	30A (2*15A)		
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 Active Power (PF=1)	4,400W	5,500W	6,000W
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 Leading-0.8 Lagging)		
Protection			
DC switch	Support		
Anti-islanding protection	Support		
AC overcurrent protection	Support		
AC short circuit protection	Support		
DC reverse connection	Support		
Surge Arrester	DC Type III (Optional) / AC Type III		
Insulation detection	Support		
Leakage current protection	Support		
General			
Topology	Transformerless		
IP Rating	IP65		
Night Self Consumption	<1W		
Cooling	Natural cooling		
Operating Temperature Range	-25°C-60°C		
Relative Humidity Range	1-100%		
Max. Operating Altitude	4000m		
Noise (typical)	30dB		
Dimensions (W*H*D)	347mm*350mm*137mm		
Weight	8.5kg		
HMI & COM			
Display	Wireless & APP+LED, LCD (Optional)		
Communication	WiFi (Optional) / GPRS (Optional) / RS485 (Optional)		
Certification			
Safety	IEC62109-1, IEC62109-2		
Grid Code	IEC61727 / 62116, ABNT 16149 / 16150, IEEE 1547, AS 4777		
Warranty	5 Years/10 Years (Optional)		

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

SINGLE PHASE & DUAL MPPT

GS 7/8/10KTL-D1

Application: Family Use



SUPERIOR EFFICIENCY

- Maximum efficiency 98.2%
- String Current 13A, compatible with high Power modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- IP65 waterproof and dustproof, C5 anti-corrosion
- Compatible with wide power grid voltage and high harmonic power grid environment
- DC /AC SPD optional, AFCI detection optional



INTELLIGENT MAINTENANCE

- Remote configuration and upgrade
- Supports export power control

Model	GS 7KTL-D1	GS 8KTL-D1	GS 10KTL-D1
Efficiency			
Max. Efficiency	98.2%	98.2%	98.2%
European Efficiency	97.4%	97.5%	97.6%
Input(PV)			
Max. Input Voltage	550V		
Max. PV configuration (STC)	150%		
Rated Input Voltage	360V		
Max. Input Current	26A (2*13A)	39A (2*13A+13A)	
Max.Short Circuit Current	30A (2*15A)	45A(2*15A+15A)	
Start Input Voltage	90V		
MPPT Operating Voltage Range	70V-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 Active Power (PF=1)	7,700W	8,800W	10,000W
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 Leading-0.8 Lagging)		
Protection			
DC switch	Support		
Anti-islanding protection	Support		
AC overcurrent protection	Support		
AC short circuit protection	Support		
DC reverse connection	Support		
Surge Arrester	DC Type III (Optional) / AC Type III		
Insulation detection	Support		
Leakage current protection	Support		
General			
Topology	Transformerless		
IP Rating	IP65		
Night Self Consumption	<1W		
Cooling	Natural cooling		
Operating Temperature Range	-25°C-60°C		
Relative Humidity Range	1-100%		
Max. Operating Altitude	4000m		
Noise (typical)	30dB		
Dimensions (W*H*D)	400mm*450mm*170mm		
Weight	16kg		
HMI & COM			
Display	Wireless & APP+LED, LCD (Optional)		
Communication	WiFi (Optional) / GPRS (Optional) / RS485 (Optional)		
Certification			
Safety	IEC62109-1, IEC62109-2		
Grid Code	IEC61727 / 62116, ABNT 16149 / 16150, IEEE 1547, AS 4777		
Warranty	5 Years/10 Years (Optional)		

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

THREE PHASE & DUAL MPPT

GS 6/8/10/12/15KTL

Application: Family Use



SUPERIOR EFFICIENCY

- Maximum efficiency 98.4%
- String current 13A, compatible with high power modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- Natural Cooling
- Die-cast aluminum case APP for
- local settings & display



INTELLIGENT MAINTENANCE

- Easy installation, light weight and small size
- Remote configuration and upgrade Supports
- export control

Model	GS 6KTL	GS 8KTL	GS 10KTL	GS 12KTL	GS 15KTL
Efficiency					
Max. Efficiency	98.2%	98.2%	98.4%	98.4%	98.4%
European Efficiency	97.8%	97.8%	98.0%	98.0%	98.0%
Input(PV)					
Max. Input Voltage	1000V				
Max. PV configuration (STC)	150%				
Rated Input Voltage	620V				
Max. Input Current	26A (2*13A)			39A (2*13A+13A)	
Max.Short Circuit Current	30A (2*15A)			45A(2*15A+15A)	
Start Input Voltage	200V				
MPPT Operating Voltage Range	160V-950V				
Max. Number of PV Strings	2(1/1)			3(2/1)	
No. of MPPTs	2				
Output(Grid)					
Rated AC Active Power	6,000W	8,000W	10,000W	12,000W	15,000W
Max. AC Apparent Power	6,600VA	8,800VA	11,000VA	13,200VA	16,500VA
Max. AC Active Power (PF=1)	6,600W	8,800W	11,000W	13,200W	16,500W
Max. AC Output Current	3*10A	3*13A	3*16A	3*18.2A	3*22.7A
Rated AC Voltage	380V/400V, 3W+N+PE				
AC Voltage Range①	277V-520V (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 Leading-0.8 Lagging)				
Protection					
DC switch	Support				
Anti-islanding protection	Support				
AC overcurrent protection	Support				
AC short circuit protection	Support				
DC reverse connection	Support				
Surge Arrester	AC Type III				
Insulation detection	Support				
Leakage current protection	Support				
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				
Noise	<30dB				
Dimensions (W*H*D)	400mm*500mm*190mm				
Weight	18.9kg			21.8kg	
HMI & COM					
Display	Wireless & APP+LED, LCD (Optional)				
Communication	RS485, WiFi / GPRS / 4G / LAN (Optional)				
Certification					
Safety	IEC62109-1, IEC62109-2				
Grid Code	IEC61727/62116				
Warranty	5 Years				

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

THREE PHASE & DUAL MPPT

GS 17/20/22KTL-D3

Application: Small-sized Industrial and Residential Use



SUPERIOR EFFICIENCY

- Maximum efficiency 98.6%
- String current 13A, compatible with high power modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- Natural Cooling
- Integrated type II DC/AC SPD
- APP for local settings & display



INTELLIGENT MAINTENANCE

- Remote configuration and upgrade
- Supports export control

Model	GS 17KTL-D3		GS 20KTL-D3	GS 2KTL-D3
Efficiency				
Max. Efficiency	98.6%		98.6%	98.6%
European Efficiency	98.2%		97.7%	98.2%
Input(PV)				
Max. Input Voltage	1000V			
Max. PV configuration (STC)	150%			
Rated Input Voltage	620V			
Max. Input Current	54A(2*27A)			
Max.Short Circuit Current	60A(2*30A)			
Start Input Voltage	250V			
MPPT Operating Voltage Range	180V-960V			
Max. Number of PV Strings	4(2/2)			
No. of MPPTs	2			
Output(Grid)				
Rated AC Active Power	17,000W	20,000W	22,000W	
Max. AC Apparent Power	18,700VA	22,000VA	24,200VA	
Max. AC Active Power (PF=1)	18,700VA	22,000W	24,200W	
Max. AC Output Current	3*28.3A	3*33.5A	3*35A	
Rated AC Voltage	380V/400V, 3W+N+PE			
AC Voltage Range①	277V-520V (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 LG - 0.8 LD)			
Protection				
DC switch	Support			
Anti-islanding protection	Support			
AC overcurrent protection	Support			
AC short circuit protection	Support			
DC reverse connection	Support			
Surge Arrester	DC Type II / AC Type II			
Insulation detection	Support			
Leakage current protection	Support			
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			
Noise	<30dB			
Dimensions (W*H*D)	555mm*446mm*270mm			
Weight	35kg			
HMI & COM				
Display	Wireless & APP+LED, LCD (Optional)			
Communication	RS485, WiFi / GPRS / 4G / LAN (Optional)			
Certification				
Safety	IEC62109-1, IEC62109-2			
Grid Code	IEC61727/62116			
Warranty	5 Years			

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

THREE PHASE & DUAL MPPT

GS 25/28/30KTL-D3

Application: Small-sized Industrial and Residential Use



SUPERIOR EFFICIENCY

- Maximum efficiency 98.6%
- String current 13A, compatible with high power modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- Integrated type II DC/AC SPD
- APP for local settings & display



INTELLIGENT MAINTENANCE

- Remote configuration and upgrade
- Supports export control

Model	GS 25KTL-D3		GS 28KTL-D3	GS 30KTL-D3
Efficiency				
Max. Efficiency	98.6%		98.6%	98.6%
European Efficiency	98.3%		98.3%	98.3%
Input(PV)				
Max. Input Voltage	1000V			
Max. PV configuration (STC)	150%			
Rated Input Voltage	620V			
Max. Input Current	81A(2*40.5A)			
Max.Short Circuit Current	90A(2*45A)			
Start Input Voltage	250V			
MPPT Operating Voltage Range	180V-960V			
Max. Number of PV Strings	6(3/3)			
No. of MPPTs	2			
Output(Grid)				
Rated AC Active Power	25,000W	28,000W	30,000W	
Max. AC Apparent Power	27,500VA	30,800VA	33,000VA	
Max. AC Active Power (PF=1)	27,500VA	30,800W	33,000W	
Max. AC Output Current	3*40A	3*45A	3*48A	
Rated AC Voltage	380V/400V, 3W+N+PE			
AC Voltage Range①	277V-520V (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 LG - 0.8 LD)			
Protection				
DC switch	Support			
Anti-islanding protection	Support			
AC overcurrent protection	Support			
AC short circuit protection	Support			
DC reverse connection	Support			
Surge Arrester	DC Type II / AC Type II			
Insulation detection	Support			
Leakage current protection	Support			
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			
Noise	<50dB			
Dimensions (W*H*D)	555mm*446mm*270mm			
Weight	41kg			
HMI & COM				
Display	Wireless & APP+LED, LCD (Optional)			
Communication	RS485, WiFi / GPRS / 4G / LAN (Optional)			
Certification				
Safety	IEC62109-1, IEC62109-2			
EMC	EN 61000-6-2/4			
Grid Code	IEC61727/62116			
Warranty	5 Years			

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

THREE PHASE & QUAD MPPT

GS 50/60KTL

Application: Large-scale Industrial and Commercial Sites



SUPERIOR EFFICIENCY

- Maximum efficiency 99.0%
- String current 13A, compatible with high power modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- Integrated type II DC/AC SPD
- APP for local settings & display
- High quality components use



INTELLIGENT MAINTENANCE

- String level I/V detect(Optional)
- Remote configuration and upgrade
- Supports export control

Model	GS 50KTL		GS 60KTL	
Efficiency				
Max. Efficiency	99.0%		99.0%	
European Efficiency	98.5%		98.5%	
Input(PV)				
Max. Input Voltage	1100V			
Max. PV configuration (STC)	150%			
Rated Input Voltage	620V			
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	250V			
MPPT Operating Voltage Range	200V-1000V			
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	50,000W		60,000W	
Max. AC Apparent Power	55,000VA		66,000VA	
Max. AC Active Power (PF=1)	55,000W		66,000W	
Max. AC Output Current	3*76A	380V/400V, 3W+N+PE	3*92A	
Rated AC Voltage	277V-520V (Adjustable)			
AC Voltage Range①	50Hz / 60Hz			
Rated Grid Frequency	45Hz-55Hz / 55Hz-65Hz (Adjustable)			
Grid Frequency Range②	<3% (Rated Power)			
THDI	<0.5%In			
DC Current Injection	>0.99 Rated power (Adjustable 0.8 Leading - 0.8Lagging)			
Power Factor				
Protection	Support			
DC switch	Support			
Anti-islanding protection	Support			
AC overcurrent protection	Support			
AC short circuit protection	Support			
DC reverse connection	DC Type II / AC Type II			
Surge Arrester	Support			
Insulation detection	Support			
Leakage current protection				
General	Transformerless			
Topology	IP65			
IP Rating	<1W			
Night Self Consumption	Fan cooling			
Cooling	-25°C-60°C			
Operating Temperature Range	0-100%			
Relative Humidity Range	4000m			
Max. Operating Altitude	<62dB			
Noise	855mm*555mm*275mm			
Dimensions (W*H*D)				
Weight	73kg		74kg	
HMI & COM	Wireless & APP+LED, LCD (Optional)			
Display	RS485, WiFi / GPRS / 4G / LAN (Optional)			
Communication				
Certification	IEC62109-1, IEC62109-2			
Safety	IEC61727/62116, AS 4777			
Grid Code	5 Years			
Warranty				

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

GSHK INTELLIGENT CLOUD-BASED MONITORING SYSTEM

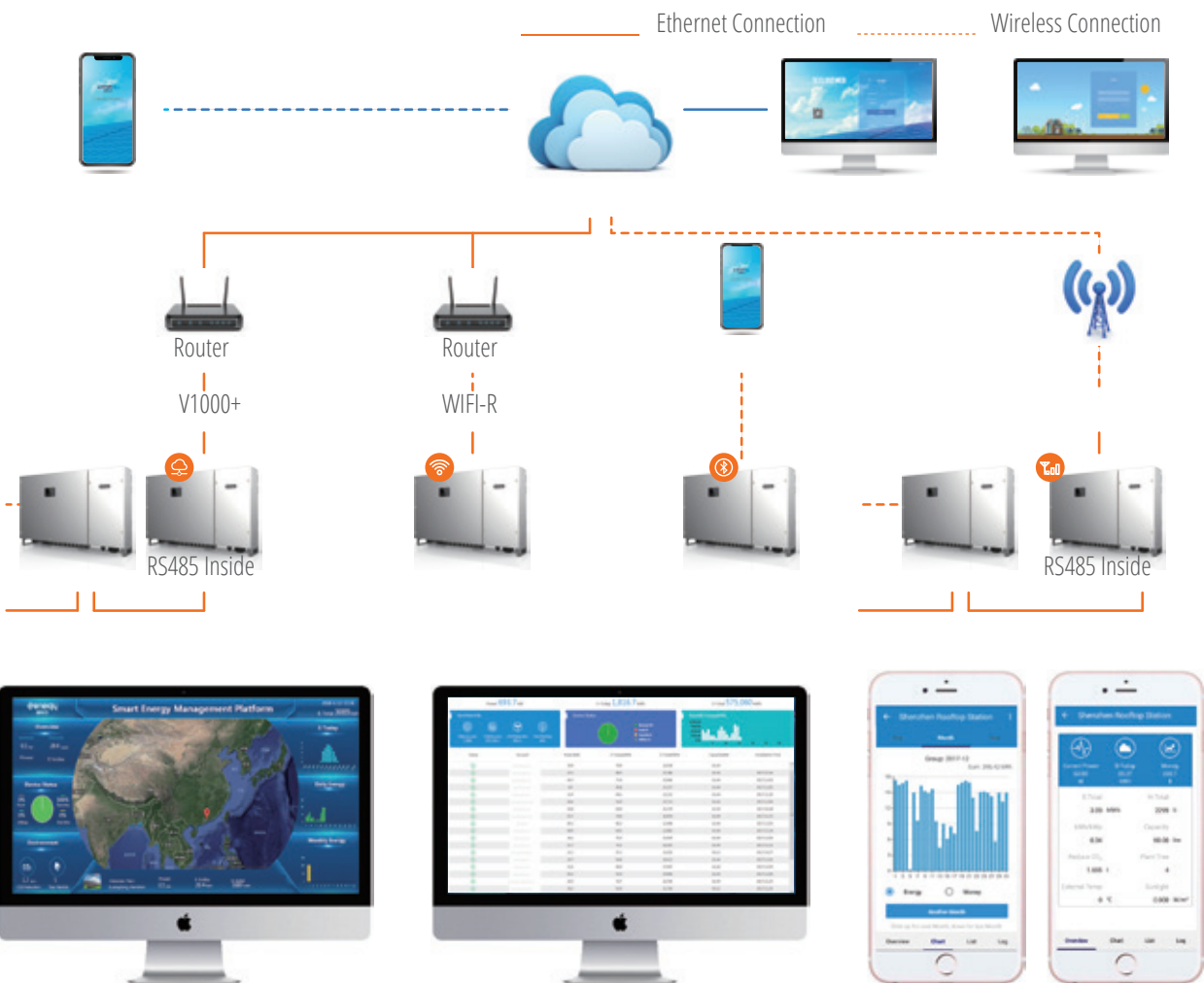
Intelligent Cloud Control,
Control of Your World Anytime and Anywhere

GSHK Intelligent Cloud Monitoring System provides five cable or wireless access method (WLAN/RS485/WIFI/Bluetooth/GRPS) as well as two Clients - smartphone APP (SETouch) and PC internet browser, best suited for residential PV power station, business and industrial rooftop power station, large ground-mounted power station system, etc. Depending on PV system monitoring requirements, it has various intelligent networking methods, allowing customers to monitor the operation of PV power station system anytime and anywhere.

APP GSTouch



Easy to install
Available on Android/IOS
Big data visualization and analysis



COMMUNICATION ACCESSORIES

WIFI COMMUNICATION MODULE GS WIFI-R



- Plug and play, quick and convenient Preferred
- monitoring solution for residential us

Model	GS 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)	71.4mm*71mm*38mm
Certification	
Safety	FCC, CE, ROHS

GRPS COMMUNICATION MODULE GS GPRS-R



- Plug and play, quick and convenient
- Mobile internet monitoring, best suited for rural and remote areas

Model	GS GPRS-R
Connection	TTL
Standards	GSM/GPRS
Transmission maximum distance	---
Setting	Plug and Play
Input	
Input Voltage	DC 5V
Static Power Consumption	<2W
General	
Operating temperature	-25°C~60°C
Humidity	0%~100% relative humidity, no condensation
IP Rating	IP65
Dimension (L*W*H)	71.4mm*71mm*38mm
Certification	
Safety	FCC, CE, ROHS

DATA LOGGER V1000+

- Built-in Web Server, supporting LAN monitoring 12
- Months data storage
- Automatic network-clock synchronization RS485
- Interface for the Connection of Inverters Standard
- RJ45 Path Cable
- Supports export control



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

4G COMMUNICATION MODULE GS 4G-R

- Plug and play, quick and convenient
- Mobile Internet monitoring, best suited for rural and remote areas



Model	GS 4G-R
Connection	TTL
Standards	FDD/TDD - LTE
Transmission maximum distance	---
Setting	Plug and Play
Input	
Input Voltage	DC 5V
Static Power Consumption	<3.5W
General	
Operating temperature	-25°C~60°C
Humidity	0%~90% relative humidity, no condensation
IP Rating	IP65
Dimension (L*W*H)	122.8mm*79mm*34mm
Certification	
Safety	FCC, CE, ROHS

PRE-SALES SUPPORT



SYSTEMATIC
PRODUCT TRAINING



ONE-ON-ONE
APPLICATION COACHING



SPECIALIZED PRODUCT
CONSULTING



TAILORED
SOLUTIONS

AFTER-SALES SERVICE



- 63 months standard warranty for inverters
- Up to \$10M Product Liability Insurance for inverters shipped



- Spare PCBA and units provided for the best benefit of customer
- Remaining warranty period of defective unit transferred automatically



- Return Material Authorization (RMA) responses within 5 days
- Professional 8D reports provided for quality complain

APPLICATION REFERENCES

FOSHAN, CHINA
4.2MW



SHANTOU, CHINA
2MW



SOUTH AMERICA
80kW



VIETNAM
15kW



HUNAN, CHINA
6MW



SHENZHEN, CHINA
1.1MW



BUDAI TOWN, TAIWAN
4MW



CHIAYI COUNTY, TAIWAN
20MW