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Clean Power For You

Ningbo Deye Inverter Technology Co., Ltd

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Note: The technical data above mentioned may be updated or revised due to product development. The data in this brochure is subject to change without notice. The latest datasheet and catalogue can be acquired via market@deye.com.cn

Ver: 3.0 2022

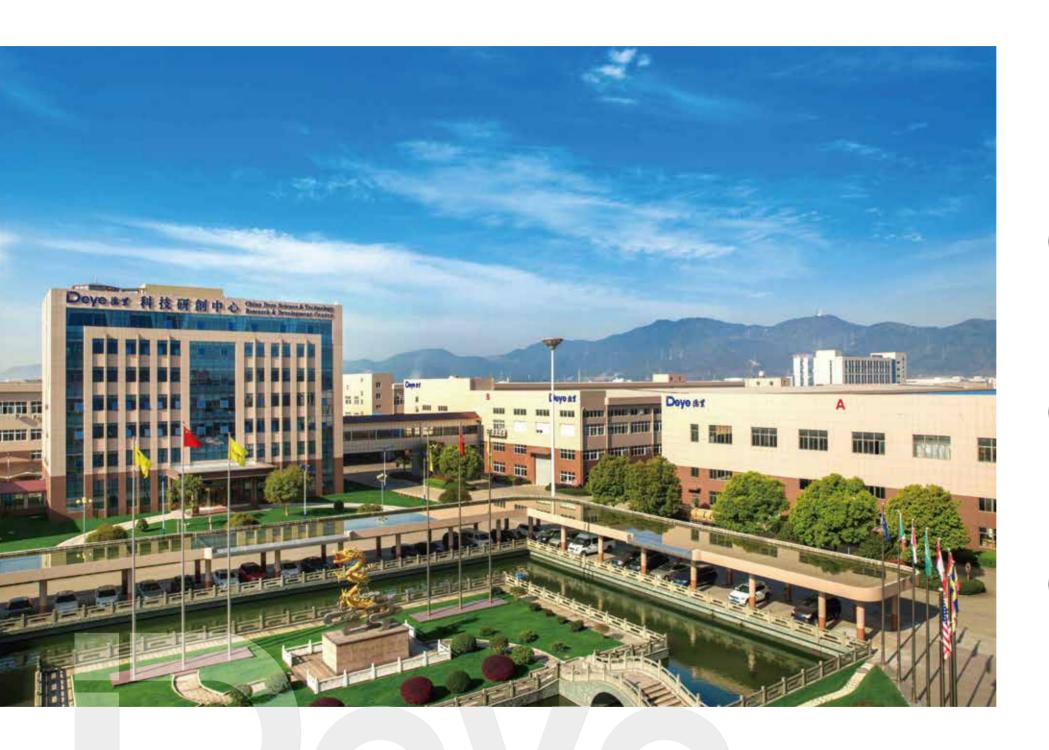


World-leading Residential Energy Storage System Provider

Stock Code: 605117.SH

Choose Deye — Choose a Green and Healthy Life





Company Profile

Ningbo Deye Inverter Technology Co., Ltd, founded in 2007 with registered capital 30 million USD, is one of the China's high-tech enterprises and a subsidiary of Deye Group. With a plant area over 15,000 m² and complete production and testing equipment, Deye has become a major player in the global solar inverter market.

Ningbo Deye Inverter Technology Co., Ltd is dedicated to providing complete photovoltaic power system solutions, including residential and commercial power plants solutions. Also, Deye offers solar energy storage system solutions. Among them, PV grid-connected inverter power range from 1.5-110kW, Hybrid inverter 3kW-12kW, and microinverter 300W-2000W.

As a technology-oriented company, Deye has always been committing to research and develop new cutting-edge technologies to provide efficiency and reliable products. For example, Deye adopts T-type three-level topology and enhanced SVPWM algorithm to further improve the conversion efficiency by 0.7% compared with common SPWM. With frequency droop control technology, Deye string inverter is able to work with diesel generator, which greatly expands the scope of the product application.



Read more

Milestones

2021

Deye Group was successfully listed on SSE of China in 2021, Stock Code 605117.SH.

30,000 pcs +

By the end of 2019, with total shipments 30,000+, Deye hybrid inverter has become Top 3 in South Africa, Pakistan and Top 1 Chinese brand in USA.

2017

Deve has launched first generation hybrid inverter and attracted a lot of attention with many unique features such as V/f droop control technology and battery DC / DC topology etc...

2007

Founded in 2007 with registered capital of 46 million USD.

Core Technology

Deye hybrid inverter 3-50kW with 208/230/240/400Vac

, ,	
4	Automatic switching time 4ms
6	6 time periods for battery charging/discharging
16	V/f droop control, Max. 16pcs in parallel
24	Supports using diesel generator to charge battery directly, ensuring system energy supply 7* 24H
95.5	Max. conversion efficiency of 97.6%; Max. battery charge efficiency of 95.5%
240	Max. charging/discharging current of 240A







Complete

Manufacturing System









World-Class Components Suppliers

Deve chooses world-class suppliers to ensure the high quality of its products.

MOSFET, IGBT







IC







Capacitor, Inductor





Diode



Relay





FAN



SUN- 3.6 / 5 K-SG03LP1-EU





Colorful touch LCD, IP65 protection degree



DC couple and AC couple to retrofit existing solar system



Max. 16pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel



Max. charging/discharging current of 120A



6 time periods for battery charging/discharging



Support storing energy from diesel generator

Technical Data

Model	SUN-3.6K -SG03LP1-EU	SUN-5K -SG03LP1-EU			
Battery Input Data					
Battery Type	Lead-acid	or Li-lon			
Battery Voltage Range (V)	40~	60			
Max. Charging Current (A)	90	120			
Max. Discharging Current (A)	90	120			
external Temperature Sensor	Yes	S			
Charging Curve	3 Stages / Eq	qualization			
Charging Strategy for Li-lon Battery	Self-adaptio	on to BMS			
V String Input Data					
Max. DC Input Power (W)	4680	6500			
ated PV Input Voltage (V)	370 (125	5~500)			
tart-up Voltage (V)	125	5			
IPPT Voltage Range (V)	150-4	125			
ull Load DC Voltage Range (V)	300-4	425			
V Input Current (A)	13+				
Max. PV ISC (A)	17+				
lumber of MPPT / Strings per MPPT	2/1-	+1			
AC Output Data					
lated AC Output and UPS Power (W)	3600	5000			
Max. AC Output Power (W)	3690	5500			
C Output Rated Current (A)	16.4	22.7			
Max. AC Current (A)	18	25			
Max. Continuous AC Passthrough (A)	35				
eak Power (off grid)	2 time of rated				
ower Factor	0.8 leading to	•			
Output Frequency and Voltage	50/60Hz; L/N/PE 220/230Vac (single phase)				
irid Type	Single Phase				
OC injection current (mA)	THD<3% (Linea				
fficiency	1115 (370 (Ellieu	11 1000 (1.1.576)			
Max. Efficiency	97.60	0%			
uro Efficiency	97.00				
MPPT Efficiency	99.90				
rotection	99.50	• ,•			
ntegrated	PV Input Lightning Protection, Anti-islanding Prote- Insulation Resistor Detection, Residual Current Mo Output Shorted Protect	onitoring Unit, Output Over Current Protection,			
Output Over Voltage Protection	DC Type II/A	AC Type III			
ertifications and Standards					
orid Regulation	CEI 0-21, VDE-AR-N 4105, NRS 097, VDE 0126-1-1, RI				
afety EMC / Standard	IEC/EN 61000-6-1/2/3/4, IEC/E	EN 62109-1, IEC/EN 62109-2			
ieneral Data					
perating Temperature Range (°C)	-45~60°C,>45	5°C derating			
ooling	Natural c	cooling			
loise (dB)	<30	dB			
ommunication with BMS	RS485;	CAN			
/eight (kg)	20.	5			
ize (mm)	330W x 580	DH x233D			
rotection Degree	IP6	5			
nstallation Style	Wall-mo	ounted			
Varranty	5 yea				

SUN- 6 K-SG05LP1-EU



Technical Data

Model	SUN-6K-SG05LP1-EU
Battery Input Data	
Battery Type	Lead-acid or Li-lon
Battery Voltage Range (V)	40~60
Max. Charging Current (A)	135
Max. Discharging Current (A)	135
External Temperature Sensor	Yes
Charging Curve	3 Stages / Equalization
Charging Strategy for Li-Ion Battery	Self-adaption to BMS
PV String Input Data	Self adaption to bivis
Max. DC Input Power (W)	7800
Rated PV Input Voltage (V)	
Start-up Voltage (V)	370 (125~500)
	125
MPPT Voltage Range (V)	150-425
Full Load DC Voltage Range (V)	300-425
PV Input Current (A)	13+13
Max. PV ISC (A)	17+17
Number of MPPT / Strings per MPPT	2/1
AC Output Data	
Rated AC Output and UPS Power (W)	6000
Max. AC Output Power (W)	6600
AC Output Rated Current (A)	27.3
Max. AC Current (A)	30
Max. Continuous AC Passthrough (A)	40
Peak Power (off grid)	2 time of rated power, 10 S
Power Factor	0.8 leading to 0.8 lagging
Output Frequency and Voltage	50/60Hz; L/N/PE 220/230Vac (single phase)
Grid Type	Single Phase
DC injection current (mA)	THD<3% (Linear load<1.5%)
Efficiency	
Max. Efficiency	97.60%
Euro Efficiency	97.00%
MPPT Efficiency	99.90%
Protection	
integrated	PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection
Output Over Voltage Protection	DC Type II/AC Type III
Certifications and Standards	
Grid Regulation	CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11
Safety EMC / Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2
General Data	
Operating Temperature Range (°C)	-45~60°C, >45°C derating
Cooling	Natural cooling
Noise (dB)	<30 dB
Communication with BMS	RS485; CAN
CONTINUATION MILLI DIVID	
	1)/
Weight (kg)	24 330W y 580H y 232D
Weight (kg) Size (mm)	330W x 580H x232D
Weight (kg)	

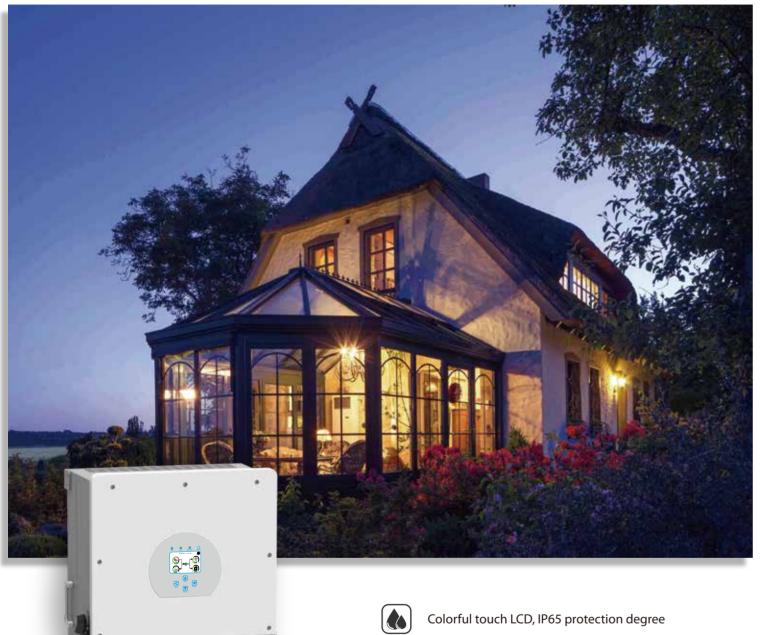
SUN-8 K-SG01LP1-EU



Technical Data

	SUN-8K
Model	-SG01LP1-US/EU
Battery Input Data	
Battery Type	Lead-acid or Li-lon
Battery Voltage Range (V)	40~60
Max. Charging Current (A)	190
Max. Discharging Current (A)	190
External Temperature Sensor	Yes
Charging Curve	3 Stages / Equalization
Charging Strategy for Li-Ion Battery	Self-adaption to BMS
PV String Input Data	
Max. DC Input Power (W)	10400
Rated PV Input Voltage (V)	370 (125~500)
Start-up Voltage (V)	125
MPPT Voltage Range (V)	150-425
Full Load DC Voltage Range (V)	200-425
PV Input Current (A)	26+26
Max. PV ISC (A)	34+34
Number of MPPT / Strings per MPPT	2/2+2
<u> </u>	2/2+2
AC Output Data	0000
Rated AC Output and UPS Power (W)	8000
Max. AC Output Power (W)	8800
AC Output Rated Current (A)	36.4
Max. AC Current (A)	40
Max. Continuous AC Passthrough (A)	50
Peak Power (off grid)	2 time of rated power, 10 S
Power Factor	0.8 leading to 0.8 lagging
Output Frequency and Voltage	50 / 60Hz; L1/L2/N(PE) 120/240Vac (split phase), 208Vac (2/3 phase), L/N/PE 220/230Vac (single phase)
Grid Type	Split phase; 2/3 phase; Single Phase
DC injection current (mA)	THD<3% (Linear load<1.5%)
Efficiency	
Max. Efficiency	97.60%
Euro Efficiency	97.00%
MPPT Efficiency	99.90%
Protection	
Integrated	PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection
Output Over Voltage Protection	DC Type II/AC Type III
Certifications and Standards	71 71
Grid Regulation	CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11
Safety EMC / Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2
General Data	1.54 21.01000 0 1, 2,57 1, 1.54 21.02.107 1, 1.54 21.02.107 2
Operating Temperature Range (°C)	-45~60°C, >45°C derating
Cooling	Smart cooling
Noise (dB)	<30 dB
Communication with BMS	RS485; CAN
Weight (kg)	32
Size (mm)	420W×670H×233D
	1P65
Protection Degree	
Installation Style	Wall-mounted
Warranty	5 years

SUN- 12 / 14 / 16 K-SG01LP1-EU







DC couple and AC couple to retrofit existing



Max. 16pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel



Max. charging/discharging current of 290A



6 time periods for battery charging/discharging



Support storing energy from diesel generator

Technical Data

Model	SUN-12K-SG01LP1-EU	SUN-14K-SG01LP1-EU	SUN-16K-SG01LP1-EU				
Battery Data							
Battery Type		Lead-acid or Li-lon					
Battery Voltage Range (V)		40~60					
Max. Charging Current (A)	220	250	290				
Max. Discharging Current (A)	220	250	290				
UPS Power (W)	12000	12000	12000				
External Temperature Sensor		Yes					
Charging Curve		3 Stages / Equalization					
Charging Strategy for Li-Ion Battery		Self-adaption to BMS					
PV String Input Data							
Max. DC Input Power (W)	15600	18200	20800				
Max. DC Input Voltage (V)		500					
Start-up Voltage (V)		125					
MPPT Range (V)		150-425					
Rated DC Input Voltage (V)		370					
PV Input Current (A)		26+26+26					
Max. PV I _{SC} (A)		44+44+44					
No.of MPP Trackers		3					
No.of Strings per MPP Tracker		2					
AC Output Data							
Rated AC OutputPower (W)	12000	14000	16000				
AC Output Rated Current (A)	52.2	60.9	69.6				
Max. Continuous AC Passthrough (A)		100	02.0				
Peak Power (off grid)		2 time of rated power, 5 S					
Power Factor	0.8 leading to 0.8 lagging						
Output Frequency and Voltage	50/60Hz; L/N/PE 220/230Vac (single phase)						
Grid Type	Single Phase						
DC injection current (mA)		<0.5%1n					
Backup Data							
Backup Power (W)	10000	12000	14000				
Backup Rated Current (A)	43.5	52.2	60.9				
Backup UPS		6ms Automatic switchover time					
Efficiency							
Max. Efficiency		97.60%					
Euro Efficiency		96.50%					
MPPT Efficiency		99.90%					
Integrated	Insulation Resistor Detection	n, Anti-islanding Protection, PV String Inpu on, Residual Current Monitoring Unit, Outpu Output Shorted Protection, Surge protection	ut Over Current Protection,				
Output Over Voltage Protection Certifications and Standards		DC Type II/AC Type III					
Grid Regulation	CEI 0-21, VDE	-AR-N 4105, NRS 097, IEC 62116, IEC 617 VDE 0126-1-1, RD 1699, C10-11	27, G99, G98,				
Safety EMC / Standard	IEC/EN 6	1000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN	62109-2				
General Data							
Operating Temperature Range (°C)		-45~60°C, >45°C derating					
Cooling		Smart cooling					
Noise (dB)		<30 dB					
Communication with BMS		RS485; CAN					
Weight (kg)		48.5					
Size (mm)		464W×798.4H×300D					
Protection Degree		IP65					
Installation Style	Wall-mounted						
	5 years						
Warranty		5 years					
Warranty Features		5 years					

Three Phase Hybrid Inverter

SUN-5/6/8/10/12 K-SG04LP3-EU



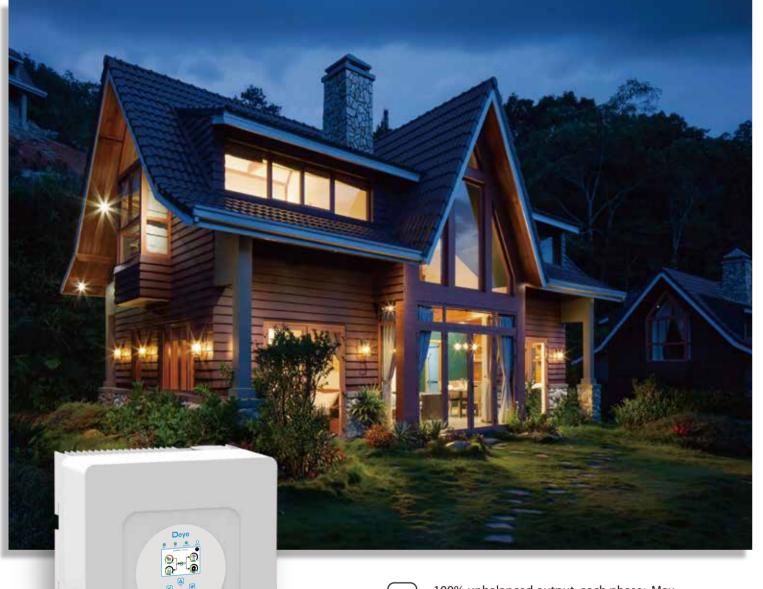
- 100% unbalanced output, each phase; Max. output up to **50%** rated power
- DC couple and AC couple to retrofit existing solar system
- Max. 16pcs parallel for on-grid and off-grid 16 operation; Support multiple batteries parallel
- Max. charging/discharging current of 240A [240]
- 48V low voltage battery, transformer isolation design
- 6 time periods for battery charging/discharging
- Support storing energy from diesel generator

Technical Data

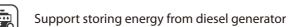
Model	SUN-5K -SG04LP3-EU	SUN-6K -SG04LP3-EU	SUN-8K -SG04LP3-EU	SUN-10K -SG04LP3-EU	SUN-12K -SG04LP3-EU		
Battery Input Data							
Battery Type	Lead-acid or Li-lon						
Battery Voltage Range (V)			40~60				
Max. Charging Current (A)	120	150	190	210	240		
Max. Discharging Current (A)	120	150	190	210	240		
External Temperature Sensor		122	Yes	2.0			
Charging Curve	3 Stages / Equalization						
Charging Strategy for Li-Ion Battery	Self-adaption to BMS						
PV String Input Data							
Max. DC Input Power (W)	6500	7800	10400	13000	15600		
Rated PV Input Voltage (V)			550 (160~800)				
Start-up Voltage (V)	-		160				
MPPT Voltage Range (V)			200-650				
Full Load DC Voltage Range (V)			350-650				
PV Input Current (A)		13+13		26-	+13		
Max. PV ISC (A)		17+17			+17		
Number of MPPT / Strings per MPPT		2/1+1		2/2	<u>+</u> 1		
AC Output Data		2/1+1		_,_			
Rated AC Output and UPS Power (W)	5000	6000	8000	10000	12000		
Max. AC Output Power (W)	5500	6600	8800	11000	13200		
AC Output Rated Current (A)	7.6	9.1	12.1	15.2	18.2		
Max. AC Current (A)	11.4	13.6	18.2	22.7	27.3		
Max. Continuous AC Passthrough (A)		13.0	45	22.1	27.3		
Peak Power (off grid)			2 time of rated power, 1	n s			
Power Factor			0.8 leading to 0.8 laggi				
Output Frequency and Voltage			dz; 3L/N/PE 220/380, 23				
Grid Type		30/001	Three Phase	0/400VaC			
DC injection current (mA)		т.	HD<3% (Linear load<1	F0/.)			
Efficiency		11	nD<3% (Linear load< 1.:	D%)			
•			07.600/				
Max. Efficiency Euro Efficiency			97.60% 97.00%				
MPPT Efficiency	-						
Protection			99.90%				
Integrated		esistor Detection, Resid	slanding Protection, PV S dual Current Monitoring U horted Protection, Surge	Unit, Output Over Curre			
Output Over Voltage Protection			DC Type II/AC Type II	l			
Certifications and Standards							
Grid Regulation			1105, NRS 097, IEC 6211 E 0126-1-1, RD 1699, C1		3,		
Safety EMC / Standard		IEC/EN 61000-6	-1/2/3/4, IEC/EN 62109-	1, IEC/EN 62109-2			
General Data							
Operating Temperature Range (°C)			-45~60°C, >45°C derati	ng			
Cooling			Smart cooling				
Noise (dB)			<45 dB				
Communication with BMS			RS485; CAN				
Weight (kg)			33.6				
Size (mm)			422W x 699.3H x279D)			
Protection Degree			IP65				
Installation Style			Wall-mounted				
Warranty			5 years				

Three Phase Hybrid Inverter

SUN-6/8/10/12/15/20 K-SG01HP3-EU



- 100% unbalanced output, each phase; Max. output up to **50%** rated power
- DC couple and AC couple to retrofit existing solar system
- Max. 16pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel
- Max. charging/discharging current of 37A
- High voltage battery, higher efficiency
- **6** 6 time periods for battery charging/discharging



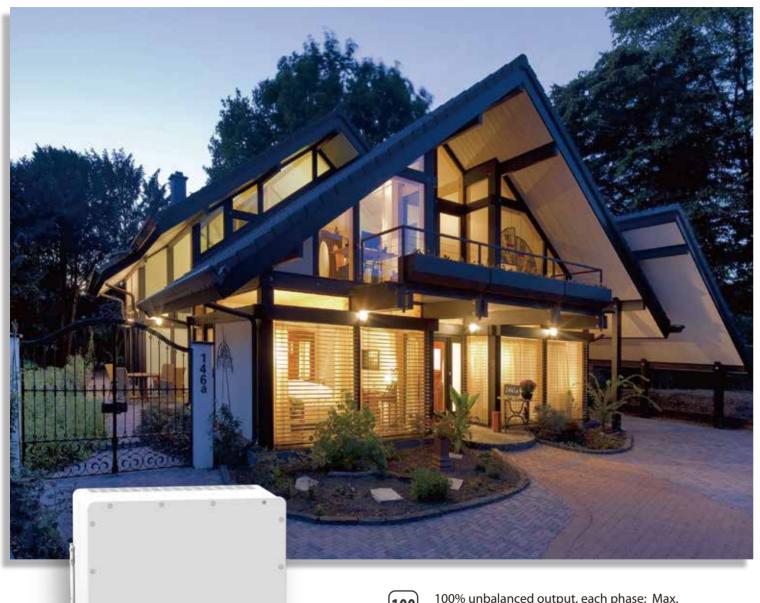
Technical Data

Society Soci		SUN-6K	SUN-8K	SUN-10K	SUN-12K	SUN-15K	SUN-20K		
Lead-acid or Li-lon	Model								
Sates y Voltage Range (V) Max. Dickharging Current (A) Thereing Current Thereing Curre	Battery Input Data								
Max. Charging Current (A) Name. Dischanging Current (A) Name. Dischanging Current (A) Name. Dischanging Current (A) Thorging Grue Thorging Thorging Thorging Grue Thorging Thorging Thorging Thorging Thorging Grue Thorging Thorging Thorging Thorging Thorging Grue Thorging Thorging Tho	Battery Type			Lead-acid	d or Li-lon				
Max Dicharging Current (A) Name of battery input Charging Strategy for Li-lon Battery PV String input Data Max DC Input POwer (W) May DC Input Power (W) MPTF Range (V) 150 150 150 150 150 150 150 15	Battery Voltage Range (V)			150 [,]	~800				
Number of Natrey/Input	Max. Charging Current (A)			3	7				
Charging Curve 3 Stages Equalization	Max. Discharging Current (A)		37						
Charging Strategy for Li-In Battley P String Input Data Was. DC Input Power (W) 7800 10400 13000 15600 19500 260000 Was. DC Input Voltage (V) 1000 15600 19500 260000 Was. DC Input Voltage (V) 1500	Number of battery input		1						
Max. DC Input Power (W) 7800 10400 13000 15600 19500 26000 Max. DC Input Power (W) 150 1	Charging Curve	3 Stages / Equalization							
Max DC Input Voltage (V) 1000	Charging Strategy for Li-Ion Battery		Self-adaption to BMS						
Max. DC Input Voltage (V) 1000	PV String Input Data								
Start-up Voltage (V)	Max. DC Input Power (W)	7800	10400	13000	15600	19500	26000		
MPPT Range (V) 195-850	Max. DC Input Voltage (V)								
MPPT Range (V) 195-850	Start-up Voltage (V)			1:	50				
Rated DC Input Voltage (V) PV Input Current (A) 20+20 2	MPPT Range (V)			200	-850				
Rated DC Input Voltage (V) PV Input Current (A) 20+20 2	Full Load DC Voltage Range (V)	195-850	260-850	325-850	340-850	423-850	500-850		
PV Input Current (A)	Rated DC Input Voltage (V)		200 000			.25 050	300 000		
Max. PV			20+20		26	+20	26+26		
No.of MPP Trackers	* * * * * * * * * * * * * * * * * * * *		23+23		32	+23	32+32		
No. of Strings per MPP Tracker			23.23			. 20	32.02		
AC Output Data Nated AC Output and UPS Power (W) 6000 8000 10000 12000 15000 20000 AC Output Rated Current (A) 9.1 12.2 15.2 18.2 22.8 30.3 AC Current (A) 9.1 12.2 15.2 18.2 22.8 30.3 Max. AC Current (A) 13 18 22 25 30 35 Max. AC Current (A) 80 Peak Power (Gfigrid) 15.5 time of rated power, 10.5 Generator input/Smart load (AC Couple current (A) 9.1 12.2 15.2 18.2 22.8 30.3 AC Couple current (A) 9.1 12.2 15.2 18.2 22.8 30.3 Ban Ac Courlous AC Passthrough (A) 80 Peak Power (Gfigrid) 15.5 time of rated power, 10.5 Generator input/Smart load (AC Couple current (A) 9.1 12.2 / *80 / 12.2 15.2 / *80 / 15.2 18.2 / *80 / 18.2 22.8 / *80 / 22.8 30.3 / *80 / 30 Power Factor 0.8 leading to 0.8 leaging 0.8 leading to 0.8 lagging 0.9 time Properties (AC Couple current (A) 9.1 12.2 / *80 / 12.2 15.2 / *80 / 15.2 18.2 / *80 / 18.2 22.8 / *80 / 22.8 30.3 / *80 / 30 Power Factor 0.8 leading to 0.8 lagging 0.9 time Properties (AC Couple current (A) 9.1 12.2 / *80 / 12.2 15.2 / *80 / 15.2 18.2 / *80 / 18.2 18.2 / *80 / 22.8 30.3 / *80 / 30 Power Factor 0.8 leading to 0.8 lagging 0.9 time Properties (AC Couple current (A) 9.1 12.2 / *80 / 12.2 18.2 / *80 / 15.2 18.2 / *80 / 18.2 18.2 / *80 / 22.8 30.3 / *80 / 30 Power Factor 0.8 leading to 0.8 lagging 0.9 time Properties (AC Couple current (A) 9.1 12.2 / *80 / 15.2 18.2 / *80 / 15.2 18.2 / *80 / 15.2 18.2 / *80 / 15.2 18.2 / *80 / 15.2 18.2 / *80 / 22.8 30.3 / *80 / 30 Power Factor 0.8 leading to 0.8 lagging 0.8 lagging 0.9 time Properties (AC Couple Current (A) 18.2 / *80 / 15.2 18.2 / *8			1			<u>+1</u>	2		
Rated AC Output and UPS Power (W) 6000 8000 10000 12000 15000 20000 Max. AC Output Power (W) 6600 8800 11000 13200 16500 22000 Axi. AC Output Rated Current (A) 9.1 12.2 15.2 18.2 2.8 30.3 Axi. AC Output Rated Current (A) 13 18 22 25 30 35 Axi. AC Output Power (M) 80 80 800 11000 13200 16500 22000 Axi. AC Output Rated Current (A) 13 18 22 25 30 35 Axi. AC Output SAC Passthrough (A) 80 80 800 800 800 800 800 800 800 800	3 1				_				
Max. AC Output Power (W) 6600 8800 11000 13200 16500 22000 AC Output Rated Current (A) 9.1 12.2 15.2 18.2 22.8 30.3 AC Output Rated Current (A) 9.1 12.2 15.2 18.2 22.8 30.3 Max. AC Current (A) 13 18 22 25 30 35 Max. Continuous AC Passthrough (A) 80 Peak Power (off grid) 50 Generator input/Smart load AC couple current (A) 9.1 12.2 /*80 / 12.2 15.2 18.2 22.8 30.3 AC Couple current (A) 9.1 12.2 /*80 / 12.2 15.2 18.2 22.8 30.3 Senerator input/Smart load AC couple current (A) 9.1 12.2 /*80 / 12.2 15.2 /*80 / 15.2 18.2 /*80 / 18.2 22.8 /*80 / 22.8 30.3 /*80 / 30 Power Factor 0.8 leading to 0.8 lagging 70 Output Frequency and Voltage 50/60Hz; 3L/NyFe 220/380, 230/400Vac Sid Type Three Phase 70 Collection current (mA) 50/60Hz; 3L/NyFe 220/380, 230/400Vac Fifteiency 97.60% Euro Efficiency 97.00% MPPT Efficiency 97.00% MPPT Efficiency 99.90% Protection PV Input Lightning Protection, Anti-Islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Insulation Resistor Detection, PV String Input Reverse Polarity Protection, Dutput Over Voltage Protection Output Over Voltage Protection Certifications and Standards Grid Regulation CETIFICATION OF AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard 610-12/3/4, IEC/EN 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) 45-60°C, >45°C dearting Communication with BMS 82485; CAN Weight (kg) 26 Size (mm) 82485; CAN Weight (kg) 326 Insulation Syle Wall-mounted		6000	8000	10000	12000	15000	20000		
AC Output Rated Current (A) AC Current (A) Max. Continuous AC Pastshrough (A) Peak Power (off grid) Senerator input/Smart load AC Couple current (A) Power Factor Output Frequency and Voltage Grid Type Three Phase Collingtion current (mA) Efficiency Max. Efficiency Max. Efficiency Power Factor Output Cirrent (MA) Power Factor Output Cirrent (MA) Power Factor Output Cirrent (MA) Efficiency Max. Efficiency Max									
Max. AC Current (A) Max. Continuous AC Passthrough (A) Peak Power (off grid) Generator input/Smart load (AC couple current (A) Power Factor Output Frequency and Voltage Grid Type Output Frequency Max. Efficiency Max. Efficiency MPPT Efficiency Protection Output Detection, Anti-islanding Protection, Anti-islanding Protection, Surge protection Output Shorted Protection Output Shorted Protection Output Shorted Protection Certifications and Standards Grid Regulation Certifications Grid Regulation Certifications Operating Temperature Range (°C) Cooling Noise (dB) Communication With BMS RS485; CAN Weight (kg) Protection Logree Insulation Style Wall-mounted			-						
Max. Continuous AC Passthrough (A) Peak Power (off grid) Generator input/Smart load AC couple current (A) Power Factor O.8 leading to 0.8 leading to 0.8 lagaing Output Prequency and Voltage Grid Type OC injection current (mA) Profesion PV Input Lightning Protection, Anti-islanding Protection, Surge protection Output Shorted Protection Output Shorted Protection OUtput Over Voltage Protection Certifications and Standards Grid Regulation Sirik Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling Size (MR) Protection Output (Rg) Size (MR) Si									
Peak Power (off grid)			10			30	33		
Senerator input/Smart load A/C couple current (A) 9.1 /*80 / 9.1 12.2 /*80 / 12.2 15.2 /*80 / 15.2 18.2 /*80 / 18.2 22.8 /*80 / 22.8 30.3 /*80 / 30									
MAC couple current (A) 9.17-807-9.1 12.27-807-12.2 15.27-807-15.2 18.27-807-15.2		_		1.5 time of fac	eu power, 10 3				
Output Frequency and Voltage Grid Type Three Phase OC injection current (mA) Efficiency Max. Efficiency Max. Efficiency MPPT Efficiency MPPT Efficiency PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Surge protection Output Over Voltage Protection Certifications and Standards Grid Regulation Certifications Grid Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling Noise (dB) Communication with BMS RS485; CAN Weight (kg) Size (mm) Protection Degree Installation Style Wall-mounted	/AC couple current (A)	9.1 / *80 / 9.1	12.2 / *80 / 12.2	15.2 / *80 / 15.2	18.2 / *80 / 18.2	22.8 / *80 / 22.8	30.3 / *80 / 30.3		
Grid Type Three Phase DC injection current (mA) CFfficiency Max. Efficiency Max. Efficiency Max. Efficiency Max. Efficiency Max. Efficiency MPPT Efficiency MPP Efficiency MPP Efficiency MPP MPPT MPPT MPPT MPPT MPPT MPPT MPPT	Power Factor			0.8 leading t	o 0.8 lagging				
DC injection current (mA) Efficiency Max. Efficiency Max. Efficiency MPPT Efficiency MPPT Efficiency MPPT Efficiency Protection PV Input Lightning Protection, Anti-Islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection DC Type II/AC Type III Certifications and Standards Grid Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling Smart cooling Noise (dB) Cel 0-21, VDE-AR-N 4105, NRS 097, IEC 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) A5~60°C, >45°C derating Cooling Smart cooling Noise (dB) Cel 0-21, VDE-AR-N 4105, NRS 097, IEC 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) A5~60°C, >45°C derating Smart cooling Smart cooling Smart cooling A5 dB Ccommunication with BMS R5485; CAN Weight (kg) 26 Size (mm) 396W>580H×230D Protection Degree IP65 Installation Style Wall-mounted	Output Frequency and Voltage		5	0/60Hz; 3L/N/PE 2	20/380, 230/400V	ac			
Max. Efficiency Max. Efficiency Merr More More More Merr Monitoring More More More More More More More More	Grid Type			Three	Phase				
Max. Efficiency 97.60% Euro Efficiency 97.00% MPPT Efficiency 99.90% Protection PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection Output Over Voltage Protection Certifications and Standards Grid Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) -45~60°C, >45°C derating Cooling Smart cooling Noise (dB) -45 dB Communication with BMS R5485; CAN Weight (kg) 26 Size (mm) Protection Degree IP65 Installation Style Wall-mounted	DC injection current (mA)			<0.5	%1n				
Euro Efficiency 97.00% MPPT Efficiency 99.90% Protection PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection Output Over Voltage Protection Output Over Voltage Protection Certifications and Standards Grid Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) Cooling Smart cooling Noise (dB) Communication with BMS RS485; CAN Weight (kg) 26 Size (mm) Protection Degree IP65 Installation Style	Efficiency								
MPT Efficiency Protection PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection Output Over Voltage Protection Certifications and Standards Grid Regulation CELI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) Cooling Smart cooling Noise (dB) Communication with BMS RS485; CAN Weight (kg) 26 Size (mm) Protection Degree IP65 Installation Style Wall-mounted	Max. Efficiency	_		97.6	50%				
PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection Output Over Voltage Protection Certifications and Standards Grid Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) Cooling Smart cooling Noise (dB) Communication with BMS RS485; CAN Weight (kg) 26 Size (mm) PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Output Shorted Installation Style Potentian Protection, PV String Input Reverse Polarity Protection, Degree installation Style	Euro Efficiency			97.0	00%				
PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection DC Type III/AC Type III Certifications and Standards Grid Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) Cooling Smart cooling Noise (dB) Communication with BMS RS485; CAN Weight (kg) Size (mm) Protection Degree In 65 Installation Style Wall-mounted	MPPT Efficiency			99.9	90%				
Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection DC Type II/AC Type III Certifications and Standards Grid Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling Noise (dB) Communication with BMS Weight (kg) Size (mm) Protection Degree Installation Style Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection DC Type II/AC Type III CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) -45~60°C, >45°C derating Smart cooling Noise (dB) -45 dB Communication with BMS RS485; CAN Weight (kg) 396Wx580Hx230D Protection Degree IP65 Installation Style Wall-mounted	Protection								
Certifications and Standards Grid Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) Cooling Noise (dB) Communication with BMS Weight (kg) Size (mm) Protection Degree Installation Style	Integrated		n Resistor Detection	, Residual Current A	Monitoring Unit, Ou	tput Over Current P			
Certifications and Standards Grid Regulation CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2 General Data Operating Temperature Range (°C) Cooling Noise (dB) Communication with BMS Weight (kg) Size (mm) Protection Degree Installation Style	Output Over Voltage Protection			DC Type II	/AC Type III				
VDE 0126-1-1, RD 1699, C10-11 Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling Noise (dB) Communication with BMS Weight (kg) Size (mm) Protection Degree Installation Style VDE 0126-1-1, RD 1699, C10-11 IEC/EN 62109-2, IEC/EN 62109-2 GENERAL STAN IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2 GENERAL STAN SMART COOLING SMART	Certifications and Standards								
General Data Operating Temperature Range (°C) -45~60°C, >45°C derating Cooling Smart cooling Noise (dB) <45 dB	Grid Regulation		CEI 0-21, VDE-			1727, G99, G98,			
Operating Temperature Range (°C) Cooling Noise (dB) Communication with BMS Weight (kg) Size (mm) Protection Degree Installation Style -45~60°C, >45°C derating Smart cooling Smart cooling RS485; CAN RS485; CAN 26 396W×580H×230D IP65 Wall-mounted	Safety EMC / Standard		IEC/EN 61	000-6-1/2/3/4, IEC	/EN 62109-1, IEC/E	N 62109-2			
Cooling Smart cooling Noise (dB) <45 dB	General Data								
Noise (dB) <45 dB Communication with BMS RS485; CAN Weight (kg) 26 Size (mm) 396W×580H×230D Protection Degree IP65 Installation Style Wall-mounted	Operating Temperature Range (°C)			-45~60°C, >4	15°C derating				
Communication with BMS Weight (kg) Size (mm) Protection Degree Installation Style RS485; CAN RS485; CAN RS485; CAN RS485; CAN RS485; CAN RS485; CAN Weight (kg) 1965 Wall-mounted	Cooling			Smart	cooling				
Weight (kg) 26 Size (mm) 396W×580H×230D Protection Degree IP65 Installation Style Wall-mounted	Noise (dB)			<4 ^r	5 dB				
Weight (kg) 26 Size (mm) 396W×580H×230D Protection Degree IP65 Installation Style Wall-mounted	Communication with BMS			RS485	5; CAN				
Size (mm) 396W×580H×230D Protection Degree IP65 Installation Style Wall-mounted	Weight (kg)				-				
Protection Degree IP65 Installation Style Wall-mounted	Size (mm)	_							
Installation Style Wall-mounted	Protection Degree								
	Installation Style	_		Wall-m	ounted				
	Warranty			5 ye	ears				

1/

Three Phase Hybrid Inverter

SUN-20/25/30/40/50 K-SG01HP3-EU



- 100% unbalanced output, each phase; Max. output up to **50%** rated power
- DC couple and AC couple to retrofit existing solar system
- Max. 16pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel
- Max. charging/discharging current of 100A
- High voltage battery, higher efficiency
- **6** 6 time periods for battery charging/discharging
 - Support storing energy from diesel generator

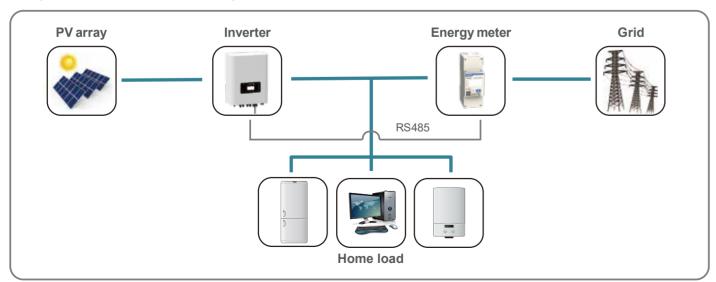
Technical Data

Model	SUN-20K -SG01HP3-EU	SUN-25K -SG01HP3-EU	SUN-30K -SG01HP3-EU	SUN-40K -SG01HP3-EU	SUN-50K -SG01HP3-EU			
Battery Input Data								
Battery Type			Li-lon					
Battery Voltage Range (V)			150~800					
Max. Charging Current (A)	50 50+50							
Max. Discharging Current (A)	50 50+50							
Number of battery input	1		2					
Charging Strategy for Li-lon Battery	Self-adaption to BMS							
PV String Input Data	Self dadption to bins							
Max. DC Input Power (W)	26000	32500	39000	52000	65000			
Max. DC Input Voltage (V)		32300	1000	32000				
Start-up Voltage (V)			150					
MPPT Range (V)			200-850					
Min. DC Input Voltage (V)			150					
Full Load DC Voltage Range (V)	360-850	450-850	360-850	360-850	450-850			
Rated DC Input Voltage (V)	300-630	430-630	600	300-630	430-630			
PV Input Current (A)		26	36+36+36	26 26	-36+36			
	36+							
Max. PV I _{SC} (A)	55+		55+55+55		+55+55			
No.of MPP Trackers		4	3		1			
No.of Strings per MPP Tracker			2					
AC Output Data	20000	25000	20000	40000	50000			
Rated AC Output and UPS Power (W)	20000	25000	30000	40000	50000			
Max. AC Output Power (W)	22000	27500	33000	44000	55000			
AC Output Rated Current (A)	30.3	38	45.6	60.8	75.8			
Max. AC Current (A)	45.5	50	60	70	83.3			
Max. Continuous AC Passthrough (A)			150					
Peak Power (off grid)		1.5	time of rated power,	105				
Generator input/Smart load /AC couple current (A)	30.3 / *150 / 30.3	38 / *150 / 38	45.6 / *150 / 45.6	60.8 / *150 / 60.8	75.8 / *150 / 75.8			
Power Factor			.8 leading to 0.8 laggir					
Output Frequency and Voltage		50/60Hz	; 3L/N/PE 220/380, 23	0/400Vac				
Grid Type			Three Phase					
DC injection current (mA)			<0.5%1n					
Efficiency								
Max. Efficiency			97.60%					
Euro Efficiency			97.00%					
MPPT Efficiency			99.90%					
Protection								
Integrated		sistor Detection, Residu		tring Input Reverse Pola Jnit, Output Over Curre protection				
Output Over Voltage Protection			DC Type II/AC Type III					
Certifications and Standards	De Type II/Ac Type III							
Certifications and Standards				CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11				
Grid Regulation					,			
		VDE		0-11	,			
Grid Regulation		VDE	0126-1-1, RD 1699, C1	0-11				
Grid Regulation Safety EMC / Standard		VDE IEC/EN 61000-6-	0126-1-1, RD 1699, C1	0-11 1, IEC/EN 62109-2				
Grid Regulation Safety EMC / Standard General Data		VDE IEC/EN 61000-6-	0126-1-1, RD 1699, C1 1/2/3/4, IEC/EN 62109-	0-11 1, IEC/EN 62109-2				
Grid Regulation Safety EMC / Standard General Data Operating Temperature Range (°C)		VDE IEC/EN 61000-6-	0126-1-1, RD 1699, C1 1/2/3/4, IEC/EN 62109- 15~60°C, >45°C derati	0-11 1, IEC/EN 62109-2				
Grid Regulation Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling		VDE IEC/EN 61000-6-	0126-1-1, RD 1699, C1 1/2/3/4, IEC/EN 62109- 15~60°C, >45°C derati Smart cooling	0-11 1, IEC/EN 62109-2				
Grid Regulation Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling Noise (dB) Communication with BMS		VDE IEC/EN 61000-6-	0126-1-1, RD 1699, C1 1/2/3/4, IEC/EN 62109- 15~60°C, >45°C deration Smart cooling <45 dB	0-11 1, IEC/EN 62109-2				
Grid Regulation Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling Noise (dB)		VDE IEC/EN 61000-6-	0126-1-1, RD 1699, C1 1/2/3/4, IEC/EN 62109- 45~60°C, >45°C derati Smart cooling <45 dB RS485; CAN	0-11 1, IEC/EN 62109-2				
Grid Regulation Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling Noise (dB) Communication with BMS Weight (kg) Size (mm)		VDE IEC/EN 61000-6-	0126-1-1, RD 1699, C1 1/2/3/4, IEC/EN 62109- 15~60°C, >45°C derati Smart cooling <45 dB RS485; CAN	0-11 1, IEC/EN 62109-2				
Grid Regulation Safety EMC / Standard General Data Operating Temperature Range (°C) Cooling Noise (dB) Communication with BMS Weight (kg)		VDE IEC/EN 61000-6-	0126-1-1, RD 1699, C1 1/2/3/4, IEC/EN 62109- 15~60°C, >45°C deratic Smart cooling <45 dB RS485; CAN 60 560.5W×837H×319D	0-11 1, IEC/EN 62109-2				

Energy Meter



Typical Application Diagram



Technical Data

Model	CHNT DDSU666	CHNT DTSU666	EASTRON SDM 230 Modbus	EASTRON SDM 630-Modbus V2	EASTRON SDM 630 MCT
Battery Data					
Max. direct current measurement (A)	60	80	100	100	1-9999A (with CT)
Direct Voltage measurement	/	176-458V	/	147-480V	50-950V
between phases			·		50-550V
Direct measurement between phase and neutral	176~264V	100-265V	176~276V	85~480V	20-550V
Accuracy Class					
Active power			Class1		
Reactive power			Class2		
Power Supply					
Power consumption	≤1W / 8VA	≤1.5W / 6VA	≤2W / 10VA	≤2W / 10VA	≤2W / 10VA
AC power supply input voltage	176-264V	100-265V	176-276V	85-480V	85-275V / 120-380V
AC power supply input frequency	50/6	50Hz	50Hz	50/60Hz ±2%	50/60Hz ±2%
Generation Specifications					
Dimenstions (L/H/W) in mm	36×85×66	100×72×66	36×99×63	72×100×66	72×94.5×65
Weight (kg)	0.21	0.44	0.21	0.42	0.29
Mounting options			DIN Rail		
Degree of protection			IP51		
Display			LCD		
Communication interface			RS485		
Max. number of devices to connect	32				
Regulated working temperature range	-25°C~+55°C	-10°C~+45°C		-25 °C ~+55 °C	
Limited working temperature range	-40°C~+70°C	25°C~+75°C		/	
Humidity	≤75% 0~95%, non-Condensing				ng
Warranty	1.5 years				

Stick Logger

GPRS / WIFI / 4G / Ethernet Monitor your system anywhere in the world.



- External light indicator, logging status at a glance;
- ◆ Plug & play, pick power within inverter, no external power needed, easy to install;
- ♦ Independent from inverter to protect parts inside inverter, eliminate potential problems;
- IP65 water-proof design, resistant to bad weather, enhance stability;
- External design, easier to replace faulty equipment;
- End-user can monitor yields at any time with SOLARMAN APP.

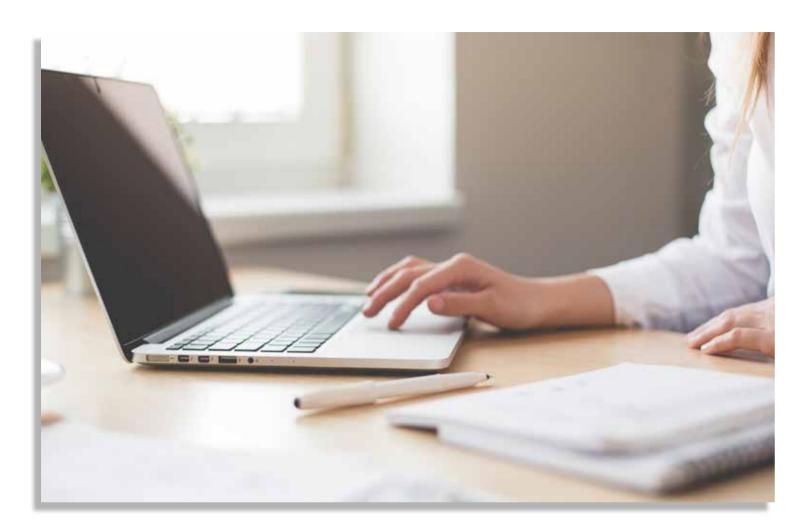
Technical Data

Product Model	LSG-3	LSG-4	LSW-3	LS4G-3	LSE-3		
Remote Communication Interface	GPRS	GPRS	WiFi	4G	LAN		
Working Frequency	GSM850 / EGSM900 / DCS1800 / PCS 1900MHz	GSM850 / EGSM900 / DCS1800 / PCS 1900MHz	2.142GHz~ 2.484GHz	704MHZ-960MHZ 1710MHZ-2690MHZ	Adaptive Network; 10M / 100M		
Satellite Positioning	/	GPS / Beidou < 15m	/	/	/		
Antenna	External GPRS Stick Antenna	External GPRS Stick Antenna	External WiFi Stick Antenna	External 4G Stick Antenna	/		
Data Interface	RS485 / RS232 / TTL						
Working Voltage		DC4.7V~DC15V					
Working Power	3W	3W	1.5W	5W	1W		
SIM Card	Chip Card / MicroSIM	Chip Card / MicroSIM	/	MicroSIM	/		
Memory		2/\	л Flash (2M-16M Option	nal)			
Working Temperature			-40 °C ~+85 °C				
Working Humidity			< 90% (No Condensing	a)			
No.of Connections			One				
Serial Communication Rate		bps (1	200-115200bps Config	urable)			
Data Acquisition Interval		Defaul	t 5min (1-15min Config	jurable)			
	AT+InstructionSet						
User Configuration	Remote Server						
	Bluetooth		APP/Web	Local Serial Port	Web		
Firmware Upgrade			Remote Upgrade				
Others		Real-	time Control, Data resu	ıming			

Stick logger supports GPRS, WIFI, 4G, Ethernet and other communication modes. Its bluetooth function enables local debugging configuration to collect operation and power generation data from inverters.

It pairs with solarman professional platform to enable remote PV system monitoring and to realize distributed power station management with lower cost and higher efficiency.

Smart PV Management Platform









Deye residential monitoring solution takes great care to ensure that your PV system is in excellent operation throughout its entire life-cycle. This monitoring solution offer you details information of your power generating plant including Today energy, Monthly energy, yearly energy, total energy etc, through wireless communication with your router to the internet by a smart wifi plug. User can easily access to the monitoring page via PC web or phone APP.

Maximum your energy output while minimizing your costs. Scan the QR code to build your power station!



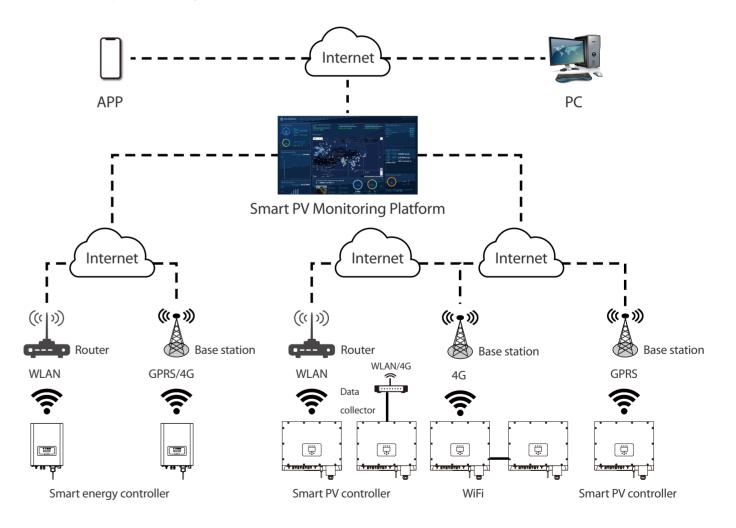


 Open station supports one-click installation and registration;
 Problem support one-click dispatch and navigation.



Safe

·Safe operation, traceable logs, etc; ·Support full lifecycle data storage to ensure data security and reliability.





► 5KW

- ▶ Brazil
- ► SUN-5K-G



- **▶ 20KW**
- **▶** Brazil
- ► SUN-10K-G



- **▶ 50KW**
- ▶ Brazil
- ► SUN-25K-G





- ▶ 200KW
- Brazil
- ► SUN-50K-G



- ▶ 200KW
- Vietnam
- ► SUN-50K-G

Project cases



- **▶ 320KW**
- Brazil
- ► SUN-80K-G
- ► 32KW **South Africa**
 - SUN-8K-SG
 - UD-



- **16KW**
- **South Africa**
- SUN-8K-SG



- **30KW**
- China
- **SUN 1200G**



- 91KW
- **USA**
- ► SUN 1300G2