



Inverter.Battery.MPPT.Solar Panels



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Powering your life

Head Office

608,6thFloor,WanliBusinessCenter,
ShilongNorthRoad,GuichengStreet,
NanhaiDistrict,Foshan,GuangDong,
China

+86 18823151718

Nigeria Branch

No.36,2ndAvenue,Festac,Lagos,Nigeria

+234 7017399999 / +234 7018399999



sales@xtrapower.com.cn
www.xtrapower.com.cn

sales@xtrapowerng.com
www.xtrapowerng.com

FOSHAN XTRA POWER TECHNOLOGY CO., LTD.

佛山市艾斯特能源设备有限公司

Company Profile:

FOSHAN XTRA POWER TECHNOLOGY CO., LTD. is a professional and dynamic new energy company. First entered this industry in 2010 with more than 10 years OEM and ODM manufacturing and exporting experiences. Focus on off-grid inverters and energy systems, we continue to develop high-efficiency and green power products based on the development concept of independent innovation, and strive to bring green energy to the whole world.

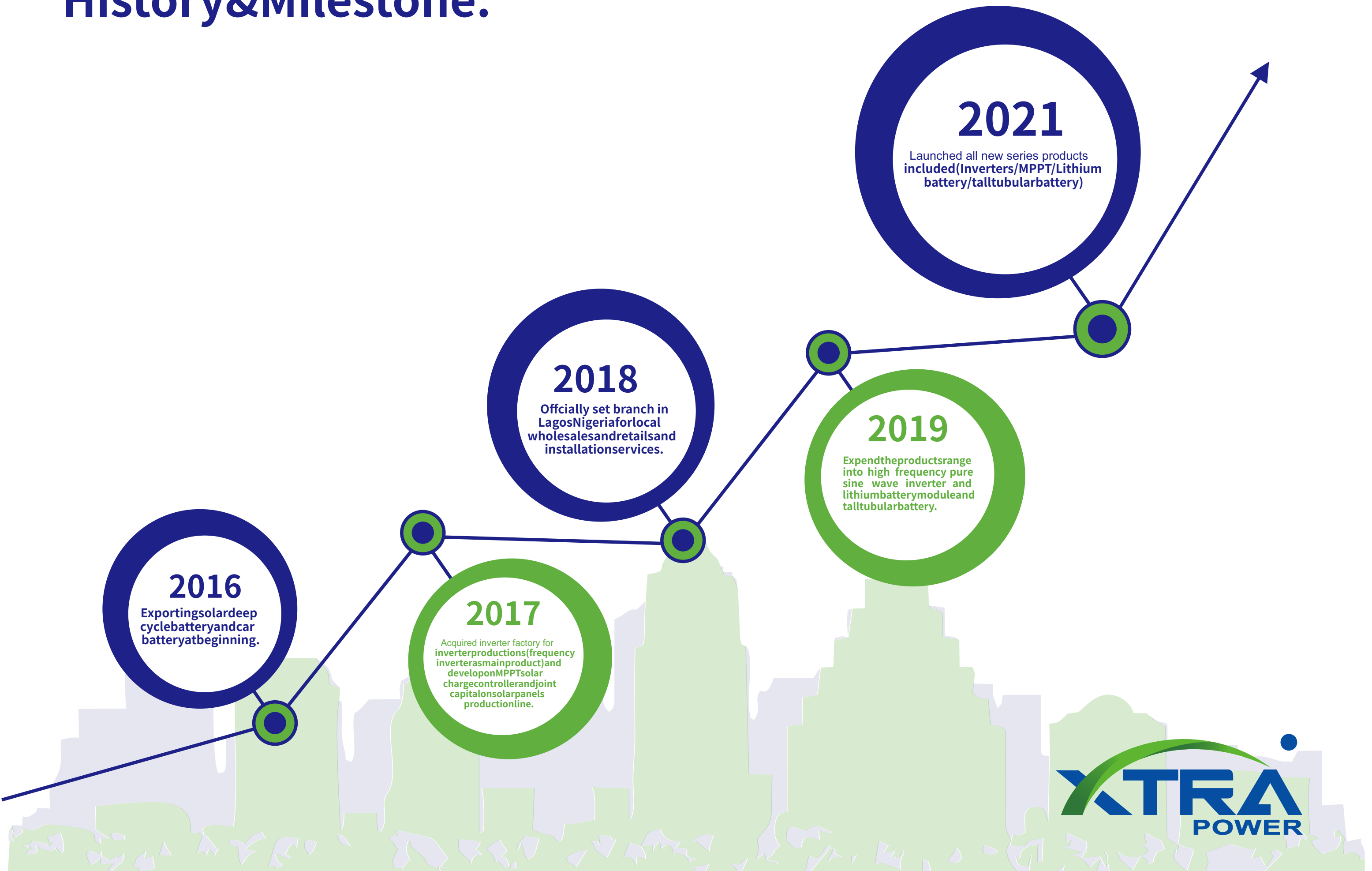
The company has always insisted on providing high quality and low price products. Following the people-oriented and customer demand-oriented principle, we providing a full range of solar products and accessories, including off-grid inverters/hybrid inverters/MPPT solar charge controller/lead-acid battery/lithium battery/solar panel and the whole systems. With our strong R&D and integration capabilities for these products, we strive to meet the high standards of residential and commercial applications in all products.



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History&Milestone:

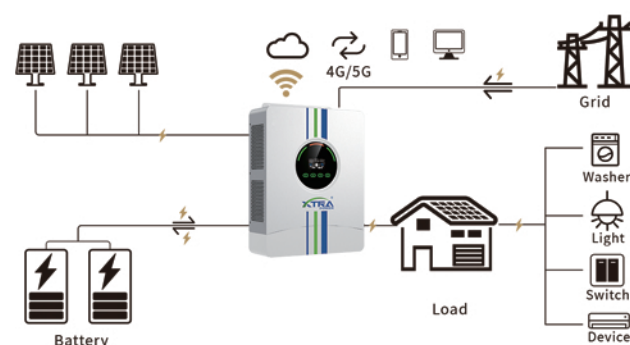


HYBRID OFF GRID INVERTER

XTHF6/11K -LITE



- *IP54 Design
- *Wide MPPT Operating Range
- *Built-In BMS Communication
- *Max. 12 Units Parallel
- *2 Years Warranty



XTRA POWER HF-LITE SERIES HYBRID OFF GRID INVERTER

Model No.	XTHF6000-LITE		XTHF11000-LITE
Battery Parameters			
Battery Voltage	48Vdc LiFePO 4 /Lead-acid		
Voltage Range	40-60Vdc		
Max Charging Current	120A	210A	
Max. Discharging Current	130A	240A	
BMS communication mode	RS485	RS485	
AC Output			
Rated Power	6000W/6000VA	11000W/11000VA	
Parallel Capacity	Max. 12 Units	Max. 12 Units	
AC Voltage Regulation (Battery Mode)	220/230/240Vac 50/60Hz	220/230/240Vac 50/60Hz	
Surge Power	12000VA 5s	22000VA 5s	
Efficiency (Peak)	98.00%	98%	
Waveform	Pure Sine Wave	Pure Sine Wave	
Transfer Time	170-280Vac (For UPS) ; 90-280Vac (For Home Appliances)	170-280Vac (For UPS) ; 90-280Vac (For Home Appliances)	
Solar Charger			
Maximum PV Array Power	6000W	11000W	
MPPT Range @ Operating Voltage	85V-450V (@85V start up)	85V-450V (@85V start up)	
Number Of MPPT / String Per MPPT	1/1	2/1	
Maximum PV Array Open Circuit Voltage	500Vdc	500Vdc	
Max. input current per MPPT	27A	27A+13A	
Max. short-circuit current per MPPT	35A	37A+17.5A	
AC Input (Grid)			
Rated grid frequency	50/60Hz Auto Sensing		
Rated grid voltage	230VAC		
Protection			
Inner protection	√ Output short-circuit protection √ Output overvoltage protection		
Surge protection	PV: Type III, AC: Type III		
Physical			
Protection Degree	IP54		
Dimention (W/H/D)	444.7*346.6*120 mm	630*535*125 mm	
Net Weight	12.4 kg	25 kg	
Operating Environment			
Humidity	5% To 95% Relative Humidity (Non - Condensing)		
Altitude	<2000M		
Operating Temperature	0℃ - 55℃		
Storage Temperature	-15℃ - 60℃		

HYBRID OFF GRID INVERTER

XTLFH4000-6000 PRO



1 Rated power 4KW/6KW
With low frequency transformer, stronger for sensitive load

2 Built-in 250VDC MPPT solar charge controller Max. 300Vdc
High conversion efficiency up to 93.5%

3 WiFi/GPRS remote monitoring
Lithium battery communication plug and play

4 Parallel operation up to 6 units



XTRA POWER LF SERIES HYBRID OFF GRID INVERTER

Model No.	XTLFH4000-PRO	XTLFH6000-PRO
Inverter AC Output		
Output power (continuous) up to 40°C	4000 W / 4000 VA	6000 W / 6000 VA
Overload 15 min / 30s - 60s at 25°C	5000 W / 6000 W	7500 W / 9000 W
Surge rating for 10s	35 A	52 A
Maximum output current 30s - 60s (rms)	26 A	39 A
Output current (continuous) at 40°C	17.4 A	26.1 A
Output frequency	50/60 Hz (±0.3 Hz)	50/60 Hz (±0.3 Hz)
Output voltage	L-N: 230 V +/- 10%	L-N: 230 V +/- 10%
Output voltage waveform	Sinewave	Sinewave
Idle consumption	<25 W	<25 W
Input DC voltage range	40 V - 64 V (48 V nominal)	40 V - 64 V (48 V nominal)
Maximum input DC current	125 A	188 A
Motor load*	Up to 3HP	Up to 4HP
Scalability	Up to 6 inverters in parallel, 1-Ph, 230 V	Up to 6 inverters in parallel, 1-Ph, 230 V

MPPT Charger DC Output

Maximum output charge current	60 A	60 A
Maximum output power	3000 W	3000 W
Output charge voltage range	40 V - 62.8 V (48 V nominal)	40 V - 62.8 V (48 V nominal)
Charge control	Three stage (Lead) and two stage (LFP)	Three stage (Lead) and two stage (LFP)
Compatible battery types	Flooded, Gel, AGM, LiFePo4	Flooded, Gel, AGM, LiFePo4
PV input voltage range (Vmp)	80 V - 230 V DC	80 V - 230 V DC
Max PV array open circuit voltage (Voc)	250 V DC	250 V DC
Max PV withstanding voltage	300 V DC	300 V DC
PV Input maximum Power (Wp)	3200 W	3200 W
Tracking efficiency	99%	99%

AC Charger DC Output

Maximum output charge current	35 A	50 A
Output charge voltage range	40 V - 62.8 V (48 V nominal)	40 V - 62.8 V (48 V nominal)
Charge control	Three stage (Lead) and two stage (LFP)	Three stage (Lead) and two stage (LFP)

AC Input

AC input voltage range	L-N: 165 - 265 V
Frequency	50 Hz/ 60 Hz (Auto detection)

General Data

Operating Temperature Range (°C)	-15 °C to 40 °C	
Relative Humidity (%)	5% to 95% RH	
Operating Altitude (m)	< = 2000m	
Cooling	Smart Air Cooling	
Weight (kg)	28Kgs	31Kgs
Size (W/H/D) (mm)	563.5 x 264 x 183.3	608.5 x 264 x 183
Installation	Wallmount	
Protection Degree	IP20	

Standards

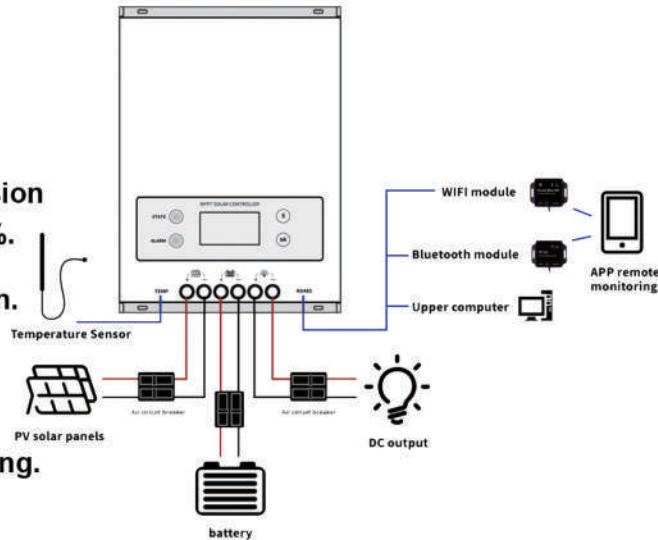
Safety Certification	IEC 62109-1, IEC 62109-2	
EMC	IEC 62040-2	

MPPT SOLAR CHARGE CONTROLLER

XTMPPT LITE SERIES



- ✓ The MPPT efficiency is $\geq 99.5\%$, and the conversion efficiency of the whole machine is as high as 98%.
- ✓ Built-in lithium battery activated wake-up function.
- ✓ A variety of battery (including lithium battery) charging can be customized.
- ✓ Support host computer and APP remote monitoring.
- ✓ RS485 bus, unified integrated management and secondary development.
- ✓ Ultra-quiet air-cooled design, more stable operation.
- ✓ A variety of protection functions, small body is very useful.



Technical Data

			NPV 4840LITE	NPV 4850LITE	NPV 4860LITE	HPV 4850LITE	HPV 4860LITE	HPV 4880LITE	HPV 48100LITE
Product Category	Controller type		Controller with Maximum Power Point Tracking (MPPT)						
	MPPT efficiency		≥99.5%						
	No-load static loss		1W~1.2W						
	system voltage		12V/24V/48V Auto						
	Cooling method		Fan cooling						
Input characteristics	PV Maximum Open Circuit Voltage (VOC)		150Vdc			200Vdc		250Vdc	
	Start charging voltage point		3V higher than battery voltage						
	Input low voltage protection point		2V higher than the current battery voltage						
	Input overvoltage protection point		150Vdc			200Vdc		250Vdc	
	Rated input power	12V system	520W	650W	780W	650W	780W	1040W	1300W
		24V system	1040W	1300W	1560W	1300W	1560W	2080W	2600W
		36V system	1560W	1950W	2340W	1950W	2340W	3120W	3900W
48V system		2080W	2600W	3120W	2600W	3120W	4160W	5200W	
Charging characteristics	Applicable battery type		Lead-acid battery / Li-ion battery						
	Lithium battery activation function		Optional						
	Charge rated current		40A	50A	60A	50A	60A	80A	100A
	charging method		Lead-acid battery: fast charge, equal charge, floating charge; lithium battery: fast charge, equal charge						
Load characteristics	load voltage		same battery voltage						
	Rated load current		30A					50A	
	Load control method		Normally open and normally closed mode/dual period control mode/light control mode/light control-fixed time control mode						
Display/ Communication	Display method		High-definition LCD segment code backlight display						
	communication method		8-pin RJ45 interface/RS485/support host computer monitoring/support external Bluetooth, WIFI module expansion to realize app cloud monitoring/support external monitoring header						
other properties	Protective function		Input and output over-voltage protection, anti-reverse connection protection, battery drop protection, etc.						
	Working temperature		-20℃~+55℃						
	Storage temperature		-40℃~+70℃						
	IP protection class		IP21						
	Maximum wire size		20mm²					25mm²	
	Net weight (kg)		1.7					3.4	
	Gross weight (kg)		2.1					4	
	Product size (mm)		240*166*65					305*200*85	
	Packaging size (mm)		315*215*108					366*240*125	

XTRA POWER LiFePO4

BATTERY MODULE- QUASAR LITE SEREIS



Based on LIFEPO4 battery cells, equipped with high-performance BMS to effectively manage the batteries cells, compared with traditional batteries, it has a wider range of performance and application advantages, high cycle times, long service life, and is suitable for daily charge and discharge Application scenarios.

Multiple protection: short circuit protection, overcharge protection, over discharge protection, over current protection, equalization, etc.

Based on industry application requirements, the products are uniquely designed and innovated in compatibility, energy density, power density, safety, operability and product appearance, which can bring users an excellent energy storage application experience.

Multiple communication interfaces RS485/RS232/CAN

POWERING BY BRAND NEW EVE CELLS

XTRA POWER QUASAR-LITE SERIES WALL MOUNT LITHIUM BATTERY MODULE		
Model No.	XTLB48100-LITE	XTLB48200-LITE
Nominal Parameters		
Voltage	51.2V	51.2V
Capacity	100Ah	200Ah
Energy	5.12Kwh	10.24Kwh
Basic Parameters		
Design Life Times (25℃)	20 Years	20 Years
Life Cycles (80% DOD, 25℃)	>6000 Cycles	>6000 Cycles
Storage Time / Temperature	5 months @25°C; 3 months @35°C; 1 month @45°C	5 months @25°C; 3 months @35°C; 1 month @45°C
Operation Temperature	-20°C to 60°C @60+/-25% Relative Humidity	-20°C to 60°C @60+/-25% Relative Humidity
Storage Temperature	0°C to 45°C @60+/-25% Relative Humidity	0°C to 45°C @60+/-25% Relative Humidity
Modules connection	1-15 in parallel	1-15 in parallel
Enclosure Protection Rating	IP45	IP45
Electrical Parameter		
Operation Voltage	46-57.6Vdc	46-57.6Vdc
Max.charging Voltage	57.6Vdc	57.6Vdc
Max.charging and Discharging Current	100A	200A
Max.Power	5120W	10240W
Smart BMS Compatible With Inverter Brands	Deye德業 Growatt VoltronicPower GOODWE	

XTRA POWER LiFePO4

BATTERY MODULE- QUASAR LITE SEREIS



Based on LIFEPO4 battery cells, equipped with high-performance BMS to effectively manage the batteries cells, compared with traditional batteries, it has a wider range of performance and application advantages, high cycle times, long service life, and is suitable for daily charge and discharge Application scenarios.

Multiple protection: short circuit protection, overcharge protection, over discharge protection, over current protection, equalization, etc.

Based on industry application requirements, the products are uniquely designed and innovated in compatibility, energy density, power density, safety, operability and product appearance, which can bring users an excellent energy storage application experience.

Multiple communication interfaces RS485/RS232/CAN

POWERING BY BRAND NEW EVE CELLS

XTRA POWER QUASAR-LITE SERIES STANDING LITHIUM BATTERY MODULE	
Model No.	XT48280LITE
Nominal Parameters	
Voltage	51.2V
Capacity	280Ah
Energy	14.336Kwh
Basic Parameters	
Design Life Times (25℃)	20 Years
Life Cycles (80% DOD, 25℃)	>6000 Cycles
Storage Time / Temperature	5 months @25℃; 3 months @35℃; 1 month @45℃
Operation Temperature	-20℃ to 60℃ @60+/-25% Relative Humidity
Storage Temperature	0℃ to 45℃ @60+/-25% Relative Humidity
Modules connection	1-15 in parallel
Enclosure Protection Rating	IP45
Electrical Parameter	
Operation Voltage	46-57.6Vdc
Max.charging Voltage	57.6Vdc
Max.charging and Discharging Current	200A
Max.Power	10240W
Smart BMS Compatible With Inverter Brands	Deye 德業 Growatt Voltronic Power Mastering Power GOODWE Good We Solar Power

Hybrid Inverter

SUNXT-4810KP1-EU



-  Colorful touch LCD, IP65 protection degree
-  AC couple to retrofit existing solar system
-  Max. 6 pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel
-  Max. charging/discharging current of 200A
-  Support storing energy from diesel generator

Technical Data

Model No.	SUNXT-4810KP1-EU
Battery Input Data	
Battery Type	Lead-acid or Lithium-ion
Battery Voltage Range (V)	40~60
Max. Charging Current (A)	200
Max. Discharging Current (A)	200
Charging Strategy for Li-Ion Battery	Self-adaption to BMS
PV String Input Data	
Max. DC Input Power (W)	15000
Max. DC Input Voltage (V)	500
Start-up Voltage (V)	150
MPPT Range (V)	150~450
Rated DC Input Voltage (V)	370
PV Input Current (A)	22+22+22
Max. PV ISC (A)	27+27+27
No. of MPPT Trackers	3
No. of Strings Per MPPT Tracker	2+2+2
AC Output Data	
Rated AC Output Active Power (W)	10000
Max AC Output Active Power (VA)	10000
Max AC Output Current (A)	50
Peak Power (off grid)	2 times of rated power, 5 S
Power Factor Adjustment Range	0.8 leading to 0.8 lagging
Power Factor	1
Output Frequency and Voltage	50/60Hz; L/N/PE 220/230Vac
Grid Type	Single Phase
Total Harmonics Current Distortion (THDi)	<3%
Efficiency	
Max. Efficiency	98.10%
Euro Efficiency	97.60%
MPPT Efficiency	99.90%
Protections	PV Switch; AC over current protection; AC over voltage protection; Ground fault monitoring; Grid monitoring; Anti-islanding protection; Residual-current monitoring unit; Insulation resistance monitoring; AFCI Protection
Surge Protection	DC Type II / AC Type II
General Data	
Dimensions (W / H / D)	440X720X240mm
Weight (kg)	34
Operating Temperature Range	-25℃ - +60℃
Noise emission (typical)	s 30d B (A)
Self-Consumption <	<60W
Topology	High Frequency Isolated Transformer
Cooling	Natural cooling
Protection Degree	IP65 / NEMA 4
Relative humidity	0-100%
Altitude	2000m
DC connection	Quick Connector
Display	Touch-control LCD
Interface	RS485 / CAN / USB
Monitor	RF / WIFI / GPRS
Installation Style	Wall-mounted
Warranty	5 Years (10 Years Optional)

Hybrid Inverter

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



- 100** 100% unbalanced output, each phase; Max. output up to **50%** rated power
- 48** 48V low voltage battery, transformer isolation design
- DC** DC couple and AC couple to retrofit existing solar system
- 6** 6 time periods for battery charging/discharging
- 10** Max. 10pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel
- SG** Support storing energy from diesel generator
- 240** Max. charging/discharging current of 240A

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-Ion				
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	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)	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 I _{SC} (A)	17+17			34+17	
No.of MPP Trackers	2				
No.of Strings per MPP Tracker	1			2+1	
AC Output Data					
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)	7.6/7.2	9.1/8.7	12.1/11.6	15.2/14.5	18.2/17.4
Max. AC Current (A)	11.4/10.9	13.6/13	18.2/17.4	22.7/21.7	27.3/26.1
Max. Continuous AC Passthrough (A)	45				
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; 3L/N/PE 220/380, 230/400Vac				
Grid Type	Three 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)	-40~60°C, >45°C derating				
Cooling	Smart cooling				
Noise (dB)	<45 dB				
Communication with BMS	RS485; CAN				
Weight (kg)	33.6				
Size (mm)	422W x 699.3H x 279D				
Protection Degree	IP65				
Installation Style	Wall-mounted				
Warranty	5 years				

Hybrid Inverter

SUN- 6 / 8 / 10 / 12 / 15 / 20 K-SG01HP3-EU-AM2



100 100% unbalanced output, each phase; Max. output up to **50%** rated power

DC DC couple and AC couple to retrofit existing solar system

10 Max. 10pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel

37 Max. charging/discharging current of 37A

H High voltage battery, higher efficiency

6 6 time periods for battery charging/discharging

Generator Support storing energy from diesel generator

Technical Data

Model	SUN-6K-SG01HP3 -EU-AM2	SUN-8K-SG01HP3- EU-AM2	SUN-10K-SG01HP3 -EU-AM2	SUN-12K-SG01HP3 -EU-AM2	SUN-15K-SG01HP3 -EU-AM2	SUN-20K-SG01HP3 -EU-AM2
Battery Input Data						
Battery Type	Li-Ion					
Battery Voltage Range (V)	160~700					
Max. Charging Current (A)	37					
Max. Discharging Current (A)	37					
Number of battery input	1					
Charging Strategy for Li-Ion Battery	Self-adaption to BMS					
PV String Input Data						
Max. DC Input Power (W)	7800	10400	13000	15600	19500	26000
Max. DC Input Voltage (V)	1000					
Start-up Voltage (V)	180					
MPPT Range (V)	150-850					
Full Load DC Voltage Range (V)	195-850	260-850	325-850	340-850	423-850	500-850
Rated DC Input Voltage (V)	600					
PV Input Current (A)	20+20			26+20		26+26
Max. PV I _{sc} (A)	23+23			32+23		32+32
No.of MPP Trackers	2					
No.of Strings per MPP Tracker	1			2+1		2
AC Output Data						
Rated AC Output and UPS Power (W)	6000	8000	10000	12000	15000	20000
Max. AC Output Power (W)	6600	8800	11000	13200	16500	22000
AC Output Rated Current (A)	9.1/8.1	12.2/11.6	15.2/14.5	18.2/17.4	22.8/21.8	30.3/29
Max. AC Current (A)	13	18	22	25	30	35
Max. Continuous AC Passthrough (A)	80					
Peak Power (off grid)	1.5 time of rated power, 10 S					
Generator input/Smart load /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
Power Factor	0.8 leading to 0.8 lagging					
Output Frequency and Voltage	50/60Hz; 3L/N/PE 220/380, 230/400Vac					
Grid Type	Three Phase					
DC injection current (mA)	<0.5%I _n					
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	EN50549, AS4777.2:2015, VDE0126-1-1, IEC61727, VDEN4105-2018, G99					
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)	-40~60°C, >45°C derating					
Cooling	Smart cooling					
Noise (dB)	<45 dB					
Communication with BMS	RS485; CAN					
Weight (kg)	30.5					
Size (mm)	408W×638H×237D					
Protection Degree	IP65					
Installation Style	Wall-mounted					
Warranty	5 years					

Hybrid Inverter

SUN- 25 / 30 / 40 / 50 K-SG01HP3-EU-BM2/3/4



100 100% unbalanced output, each phase; Max. output up to **50%** rated power

DC DC couple and AC couple to retrofit existing solar system

10 Max. 10pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel

100 Max. charging/discharging current of 100A

H High voltage battery, higher efficiency

6 6 time periods for battery charging/discharging

Generator Support storing energy from diesel generator

Technical Data

Model	SUN-25K-SG01HP3 -EU-BM2	SUN-30K-SG01HP3 -EU-BM3	SUN-40K-SG01HP3 -EU-BM4	SUN-50K-SG01HP3 -EU-BM4
Battery Input Data				
Battery Type	Li-Ion			
Battery Voltage Range (V)	160~800			
Max. Charging Current (A)	50+50			
Max. Discharging Current (A)	50+50			
Number of battery input	2			
Charging Strategy for Li-Ion Battery	Self-adaption to BMS			
PV String Input Data				
Max. DC Input Power (W)	32500	39000	52000	65000
Max. DC Input Voltage (V)	1000			
Start-up Voltage (V)	180			
MPPT Range (V)	150-850			
Full Load DC Voltage Range (V)	450-850	360-850	360-850	450-850
Rated DC Input Voltage (V)	600			
PV Input Current (A)	36+36	36+36+36	36+36+36+36	
Max. PV I _{SC} (A)	55+55	55+55+55	55+55+55+55	
No.of MPP Trackers	2	3	4	
No.of Strings per MPP Tracker	2			
AC Output Data				
Rated AC Output and UPS Power (W)	25000	30000	40000	50000
Max. AC Output Power (W)	27500	33000	44000	55000
AC Output Rated Current (A)	37.9/36.3	45.5/43.5	60.7/58	75.8/72.5
Max. AC Current (A)	50	60	70	83.3
Max. Continuous AC Passthrough (A)	150			
Peak Power (off grid)	1.5 time of rated power, 10 S			
Generator input/Smart load /AC couple current (A)	37.9 / 150 / 37.9	45.5 / 150 / 45.5	60.8 / 150 / 60.8	75.8 / 150 / 75.8
Power Factor	0.8 leading to 0.8 lagging			
Output Frequency and Voltage	50/60Hz; 3L/N/PE 220/380, 230/400Vac			
Grid Type	Three Phase			
DC injection current (mA)	<0.5%I _n			
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	EN50549, AS4777.2:2015, VDE0126-1-1, IEC61727, VDEN4105-2018, G99			
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)	-40~60°C, >45°C derating			
Cooling	Smart cooling			
Noise (dB)	<45 dB			
Communication with BMS	RS485; CAN			
Weight (kg)	75			
Size (mm)	527W×894H×294D			
Protection Degree	IP65			
Installation Style	Wall-mounted			
Warranty	5 years			

XTRA POWER LiFePO4 HV-61K-MAX



- ◆ **Convenient**
Quick installation, standard of 19-inch embedded designed module is comfortable for installation and maintenance.
- ◆ **Safe and reliable**
Cathode material is made from LiFePO4 with safety performance and long cycle life. The module has less self-discharge, up to 6 months without charging it on shelf, no memory effect, excellent performance of shallow charge and discharge.
- ◆ **Intelligent BMS**
It has protection functions including over-discharge, over-charge, over-current and over-high or low temperature. The system can automatically manage charge and discharge state and balance current and voltage of each cell.
- ◆ **Eco-friendly**
The whole module is non-toxic, non-polluting and environmentally friendly.
- ◆ **Flexible configuration**
Multiple battery modules can be in parallel for expanding capacity and power. Support USB upgrade, wifi upgrade (optional), remote upgrade (Compatible with Deye inverter).
- ◆ **Wide temperature**
Working temperature range is from -20°C to 55°C, with excellent discharge performance and cycle life.

Technical Data

Main Parameter				
Cell Chemistry		LiFePO4		
Module Energy (kW)		5.12		
Module Nominal Voltage (V)		51.2		
Module Capacity (Ah)		100		
Battery Module Qty in series. (Optional)		4 (Min)	8 (Standard US Cluster)	12 (Standard EU Cluster)
System Nominal Voltage (V)		204.8	409.6	614.4
System Operating voltage (V)		180~230	359~460	537.6~691.2
System Energy (kWh)		20.48	40.96	61.44
System Usable Energy (kWh)		18.5	36.86	55.29
Charge/Discharge Current (A)	Recommend	50		
	Max	100		
	Peak (2 mins, 25°C)	125		
Working Temperature (°C)		Charge: 0~55/Discharge: -20~55		
Status Indicator		Yellow: Battery High Voltage Power On Red: Battery System Alarm		
Communication Port		CAN2.0/RS485		
Humidity		5~85%RH		
Altitude		≤2000 m		
IP Rating of Enclosure		IP20		
Dimension (W/D/H,mm)		540*590*1650		540*590*2250
Weight Approximate (kg)		242	410	430
Installation Location		Rack Mounting		
Storage Temperature (°C)		0~35		
Recommend Depth of Discharge		90%		
Cycle Life (Charge/Discharge)		25±2°C, 0.5C/0.5C, EOL 70%≥6000		
Warranty		10 years		
Certification		CE/IEC62619 / UL1973 / UL9540A / UN38.3		

[1] DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.
[2] The current is affected by temperature and SOC.
[3] The warranty is due whichever reached first of warranty period or life cycle power.

HYBRID ON OFF GRID INVERTER

XTHV 8000-15000EU3P



1

Hybrid All-in-one Inverter Design

5

IP65 Waterproof

2

Wide Battery Voltage
180 ~ 750V

6

1.5~2 DC / AC Ratio

3

UPS Function with 10ms
Automatic Switchover

7

100% Three-phase
Imbalance Output

4

Smart Phase-level
Power Export Limitation

8

Intelligent Monitoring

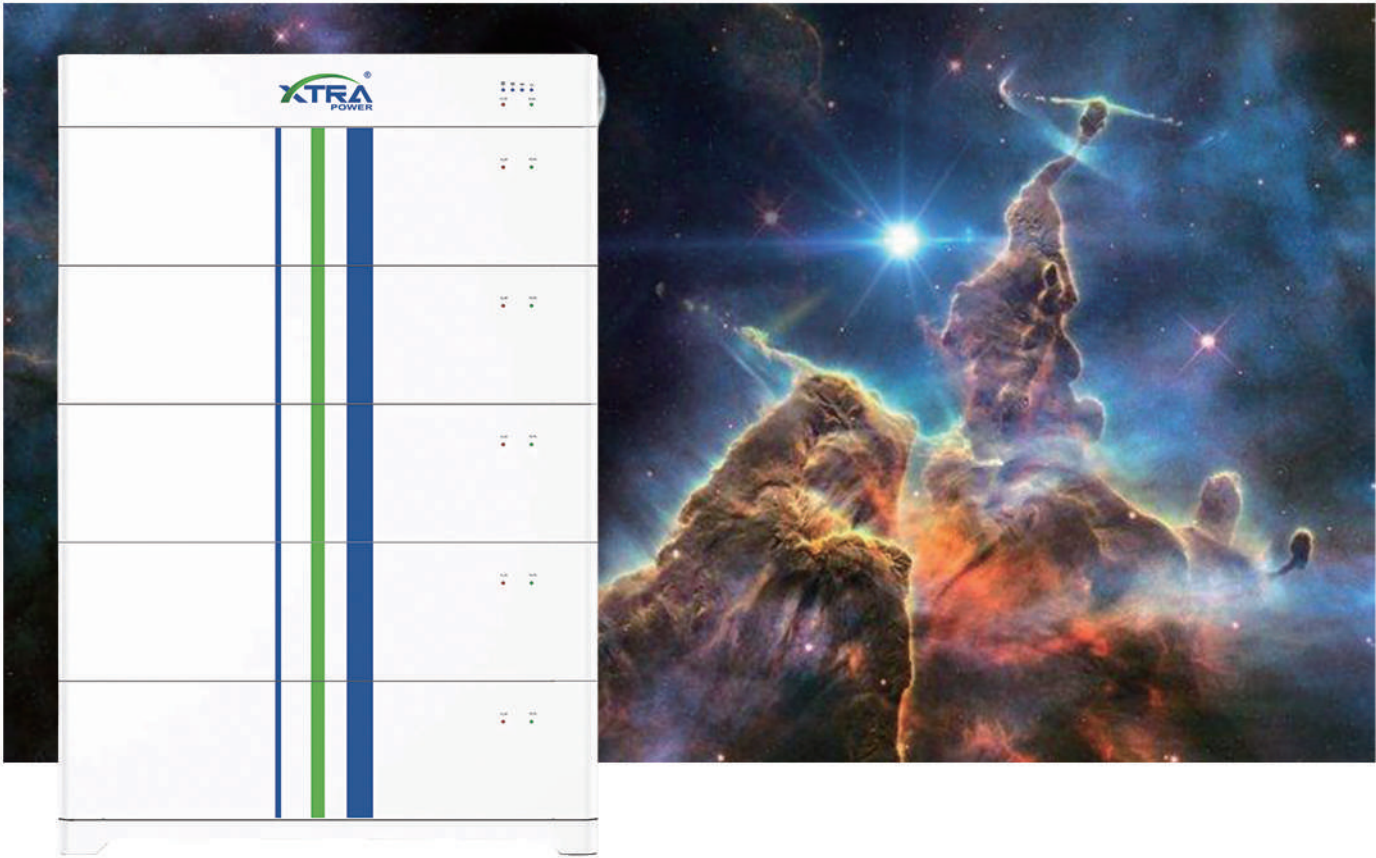


XTRA POWER HF HV SERIES HYBRID ON OFF GRID INVERTER

Model No.	XTHV8000EU3P		XTHV10000EU3P		XTHV12000EU3P		XTHV15000EU3P	
Battery Parameters								
Battery Voltage Range	180-750Vdc							
Battery Type	Lithium Battery							
Max. Charge / Discharge Current (A)	30A							
Max. Charge / Discharge Power (W)	8800Wh		11000Wh		13200Wh		15000Wh	
PV Input								
Max. PV Input Power (W)	17000Wp		21500Wp		22500Wp		22500Wp	
Full Max. PV Input Voltage (V)	1000Vdc							
Full Load MPPT Range(V)	200-850Vdc							
SPS Start-up Voltage(V)	180Vdc							
MPPT Range For Nominal Power(V)	270-850Vdc		340-850Vdc		270-850Vdc		340-850Vdc	
MPPT Range For Nominal Power(V)	620Vdc							
Max. Input current(A)	15A/15A		15A/15A		15A/30A		15A/30A	
Max. Short current(A)	20A/20A		20A/20A		20A/40A		20A/40A	
No. of MPPT Trackers	2		2		2		2	
Strings Per MPPT Tracker	1+1		1+1		1+2		1+2	
AC Output (On grid)								
Nominal Power Output to Grid (VA)	8000VA		10000VA		12000VA		15000VA	
Max. Power Output to Grid(VA)	8000VA		10000VA		12000VA		15000VA	
Max. Power From Grid VA)	16000VA		20000VA		24000VA		25000VA	
Nominal Output Voltage (Vac)	400/ 380 Vac , 3L/N/PE							
Nominal Output Frequency(Hz)	50/60Hz							
Max. AC Current to Grid (A)	12.1A		15.2A		18.2A		22.7A	
Max. AC Current From Grid(A)	24.2A		30.3A		36A		36A	
Output Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)							
Output THDi (Nominal Power) (%)	<3%							
AC Output (Off grid)								
Max. Output Power(VA)	8000VA		10000VA		12000VA		15000VA	
Peak Output Power(VA)	16000VA , 10 Seconds		20000VA , 10 Seconds		24000VA , 10 Seconds		24000VA , 10 Seconds	
Max. Output Current(A)	12.1A		15.2A		18.2A		22.7A	
Nominal Output Voltage (Vac)	3/N/ PE, 220/ 380 Vac , 230/ 400 Vac							
Nominal Output Frequency(HZ)	50/60Hz							
Output THDV (@Linear Load) (%)	<3%							
Switch Time (ms)	<10ms							
Load Control	Yes							
Three Phase Unbalance	Yes							
Efficiency								
MPPT Efficiency (%)	99.90%		99.90%		99.90%		99.90%	
MAX. Efficiency (%)	98.30%		98.30%		98.40%		98.40%	
EURO Efficiency (%)	97.50%		97.50%		97.60%		97.60%	
Safety And Protection								
Anti-island Protection	Integrated							
PV&Battery AFCI	Optional							
PV Reverse Protection	Integrated							
Battery Reverse Protection	Integrated							
Residual Current Monitoring Unit	Integrated							
Over Current / Voltage Protection	Integrated							
DC Switch (PV)	Integrated							
Surge Protection	DC Type II / AC Type III							
Communication Interface								
Battery BMS	CAN							
EMS	RS485							
Meter	RS485							
DRED7 RCR	YES(DI)							
Remote Shut Down	YES(DI)							
Dry-Point	YES(DO)							
Cloud	WiFi/ Bluetooth/ 4G (Optional)							
Display / User Interface	LED / APP							
General Data								
Operating Temperature Range (°C)	-25°C~60°C							
Relative Humidity (%)	0-100%							
Operating Altitude (m)	<= 2000m							
Cooling	Natural Cooling							
Noise (B)	<30						<50	
Weight (kg)	29Kgs							
Size (W/H/D) (mm)	500*550*218mm							
Installation	Wallmount							
Protection Degree	IP65							
Certifications And Standards								
Grid Certification	CE0-21; VDE4105-AR-N; VDE0126-1-1; EN50549; G98, G99, G100							
Safety Certification	IEC62109-1&2							
EMC	EN610006-1; EN61000-6-2; EN610006-3; EN61000-6-4; EN61000-4-16; EN61000-4-18; EN61000-4-29							

HIGH VOLTAGE LIFEPO4 BATTERY

XTLB-HV SERIES



XTRA POWER HV SERIES LiFePO ₄ BATTERY MODULE					
Model No.	XTLB5-102HV	XTLB10-204HV	XTLB15-307HV	XTLB21-409HV	XTLB26-512HV
Technical Data					
Total Energy (kWh)	5.3Kwh	10.6Kwh	15.2Kwh	21.2Kwh	26.5Kwh
Battery Module (kWh)	5.3Kwh				
Number of Modules	1	2	3	4	5
Cell Type	LiFePO ₄				
Nominal Voltage (V)	102.4Vdc	204.8Vdc	307.2Vdc	409.6Vdc	512Vdc
Operating Voltage (V)	80-116.8Vdc	160-233.6Vdc	240-350.4Vdc	320-467.2Vdc	400-584Vdc
Max Charge / Discharge Current (A)	50A	50A	50A	50A	50A
Continue Discharge Output (KW)	5Kwh	10Kwh	15Kwh	20Kwh	25Kwh
Dimension (W/D/H)(mm)	718*358*360mm	718*358*540mm	718*358*720mm	718*358*900mm	718*358*1080mm
Weight (Kg)	65Kgs	115Kgs	165Kgs	215Kgs	265Kgs
Other Parameters					
Recommend Depth of Discharge (%)	90%				
LED Indicator	4 LED (SOC: 25%~SOC 100% blue), 2 LED (Working green, Alarming red)				
IP Rating of Enclosure	IP40 (Indoor) & IP65 (Outdoor)				
Operating Temperature (°C)	Charge: 0~50°C / Discharge: 0~50°C				
Storage Temperature (°C)	0-35°C				
Humidity (%)	<=95%				
Altitude (m)	<=2000m				
Cycle Life	10+years, 6000 cycles (90% DOD, 25°C)				
Installation	Floor-Mounted, Stack				
Communication Port	CAN2.0, RS485				
Certification	UN38.3, IEC62619, UL1973				

- 1

Safe
 LiFePO₄ Battery and Intelligent BMS.
- 2

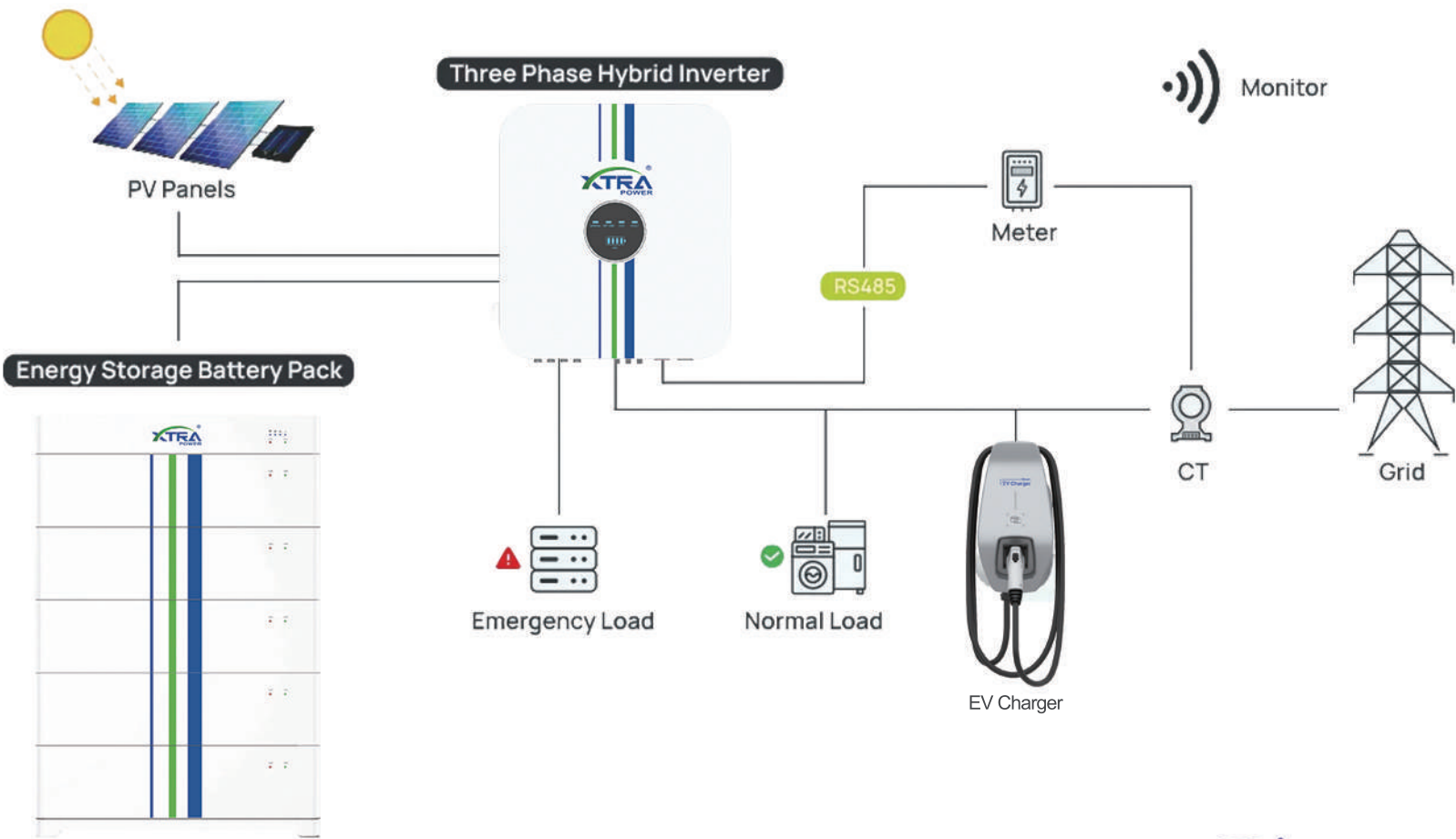
Flexible
 Modular Design, Easy to Expand, Max Capacity Of 26.5kWh.
- 3

Convenient
 Easy Maintenance, Remote Monitoring, and Remote Firmware Update Via USB Drive.
- 4

Reliable
 Support High Discharge Power, Module Level Auto-Balancing, Under-Voltage Automatic Restart.
- 5

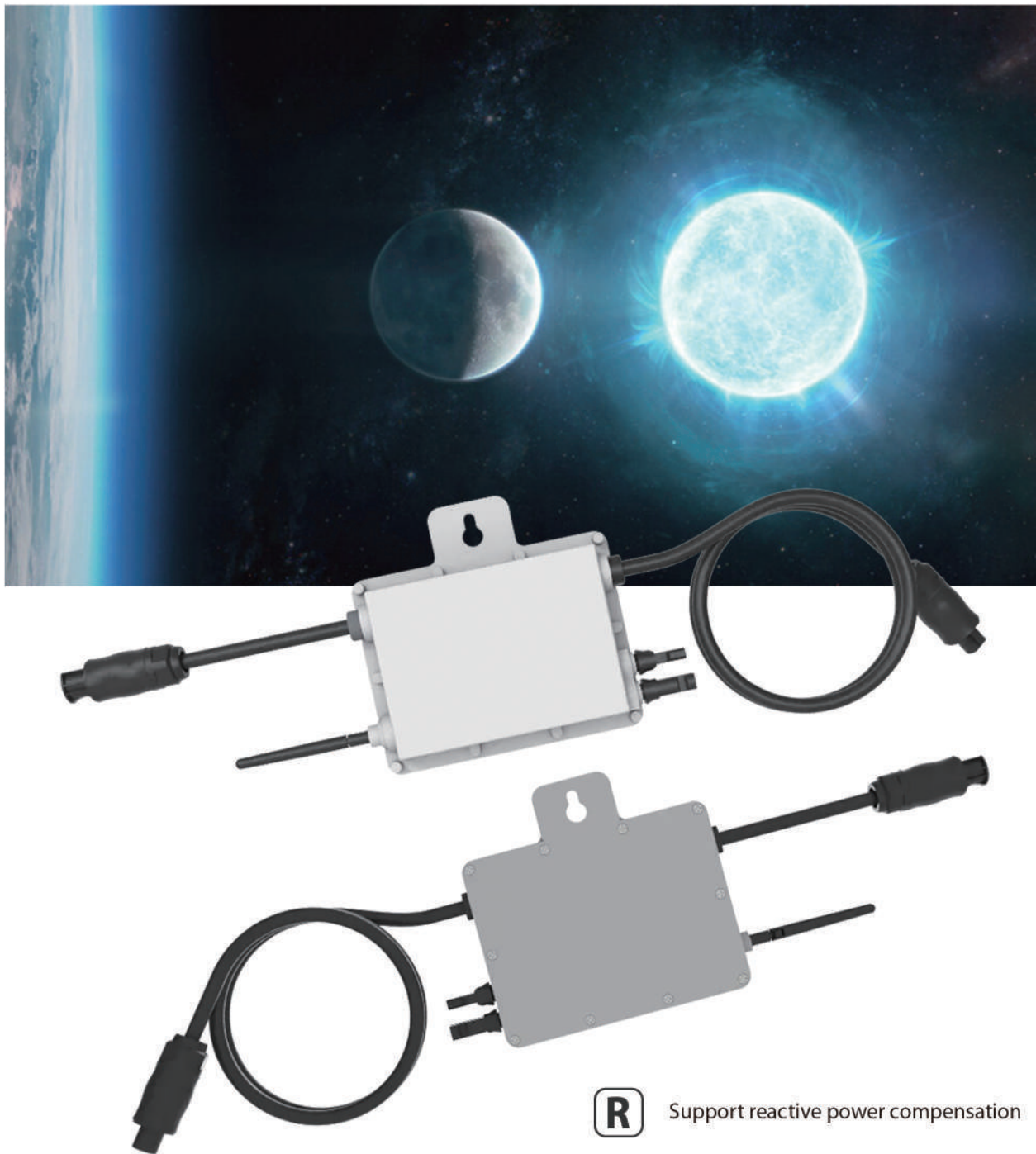
Eco-Friendly
 Use Environmental Protection Materials, The Whole Module Non-toxic, Pollution-Free.
- 6

Floor-Mounted
 Free Stand Design, Floor-Mounted, Easy Installation.



XTRA POWER Micro Inverter

SUN300G3-US-220/EU-230
SUN500G3-US-220/EU-230



IP67 protection degree, 10 years warranty



Support reactive power compensation



1 MPP tracker, module level monitoring



PLC, Zigbee or WIFI communication



Rapid shutdown function

Technical Data

Model	SUN300G3-US-220		SUN300G3-EU-230		SUN500G3-US-220		SUN500G3-EU-230	
Input Data (DC)								
Recommended input Power (STC)	210~400W (1 Piece)				210~600W (1 Piece)			
Maximum input DC Voltage	60V							
MPPT Voltage Range	25~55V							
Full Load DC Voltage Range (V)	24.5~55V				40~55V			
Max. DC Short Circuit Current	19.5A							
Max. input Current	13A							
No.of MPP Trackers	1							
No.of Strings per MPP Tracker	1							
Output Data (AC)								
Rated output Power	300W				500W			
Rated output Current	1.4A		1.3A		2.3A		2.2A	
Nominal Voltage / Range (this may vary with grid standards)	220V/0.85Un-1.1Un		230V/0.85Un-1.1Un		220V/0.85Un-1.1Un		230V/0.85Un-1.1Un	
Nominal Frequency / Range	50 / 60Hz							
Extended Frequency / Range	45~55Hz / 55~65Hz							
Power Factor	>0.99							
Maximum units per branch	17				10			
Efficiency								
CEC Weighted Efficiency	95%							
Peak Inverter Efficiency	96.5%							
Static MPPT Efficiency	99%							
Night Time Power Consumption	50mW							
Mechanical Data								
Ambient Temperature Range	-40~65℃							
Size (mm)	189W×184H×31.5D (Without mounting bracket and cable)							
Weight (kg)	2.15							
Cooling	Natural cooling							
Enclosure Environmental Rating	IP67							
Features								
Compatibility	Compatible with 60~72 cell PV modules							
Communication	Power line / WIFI / Zigbee							
Grid Connection Standard	EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IEEE1547							
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3							
Warranty	10 years							

XTRA POWER Micro Inverter

SUN600G3-US-220/EU-230 SUN1000G3-US-220/EU-230

SUN800G3-US-220/EU-230



R Support reactive power compensation

IP67 protection degree, 10 years warranty

2 MPP trackers, module level monitoring

PLC, Zigbee or WIFI communication

Rapid shutdown function

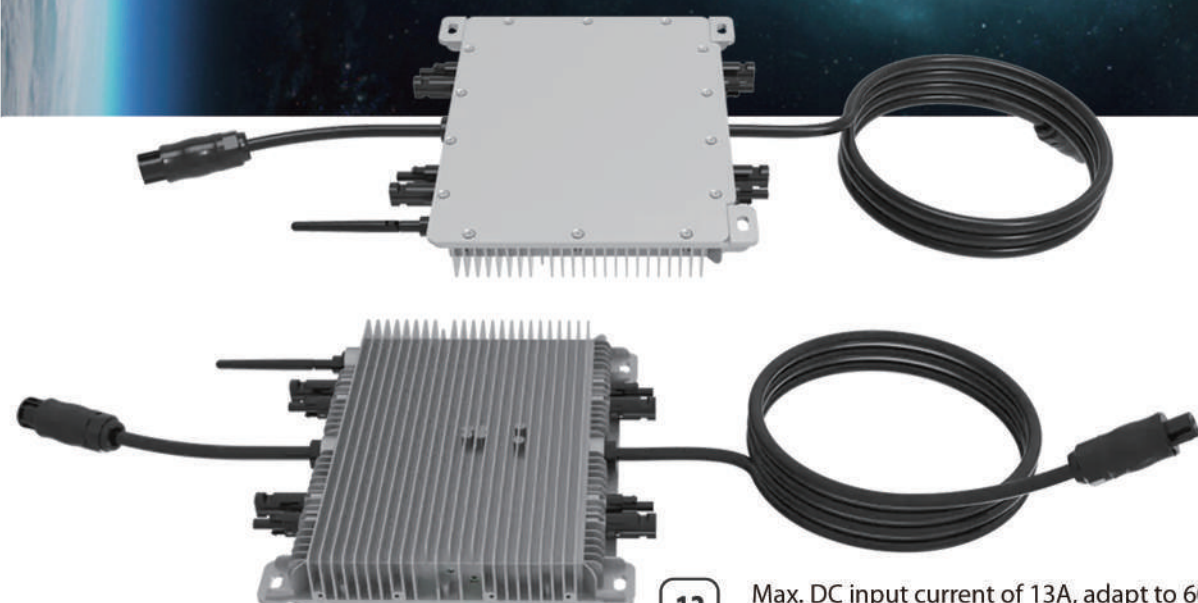
Technical Data

Model	SUN600G3-US-220	SUN600G3-EU-230	SUN800G3-US-220	SUN800G3-EU-230	SUN1000G3-US-220	SUN1000G3-EU-230
Input Data (DC)						
Recommended input Power (STC)	210~400W (2 Pieces)		210~500W (2 Pieces)		210~600W (2 Pieces)	
Maximum input DC Voltage	60V					
MPPT Voltage Range	25~55V					
Full Load DC Voltage Range (V)	24.5~55V		33~55V		40~55V	
Max. DC Short Circuit Current	2×19.5A					
Max. input Current	2×13A					
No.of MPP Trackers	2					
No.of Strings per MPP Tracker	1					
Output Data (AC)						
Rated output Power	600W		800W		1000W	
Rated output Current	2.7A	2.6A	3.6A	3.5A	4.5A	4.4A
Nominal Voltage / Range (this may vary with grid standards)	220V/ 0.85Un-1.1Un	230V/ 0.85Un-1.1Un	220V/ 0.85Un-1.1Un	230V/ 0.85Un-1.1Un	220V/ 0.85Un-1.1Un	230V/ 0.85Un-1.1Un
Nominal Frequency / Range	50 / 60Hz					
Extended Frequency / Range	45~55Hz / 55~65Hz					
Power Factor	>0.99					
Maximum units per branch	8		6		5	
Efficiency						
CEC Weighted Efficiency	95%					
Peak Inverter Efficiency	96.5%					
Static MPPT Efficiency	99%					
Night Time Power Consumption	50mW					
Mechanical Data						
Ambient Temperature Range	-40~65°C					
Size (mm)	212W×230H×40D (Without mounting bracket and cable)					
Weight (kg)	3.15					
Cooling	Natural cooling					
Enclosure Environmental Rating	IP67					
Features						
Compatibility	Compatible with 60~72 cell PV modules					
Communication	Power line / WIFI / Zigbee					
Grid Connection Standard	EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IEEE1547					
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3					
Warranty	10 years					

XTRA POWER Micro Inverter

SUN1300G3-US-220/EU-230 SUN1600G3-US-220/EU-230

SUN2000G3-US-220/EU-230



13 Max. DC input current of 13A, adapt to 600W PV module

R Support reactive power compensation

 IP67 protection degree, 10 years warranty

 4 MPP trackers, module level monitoring

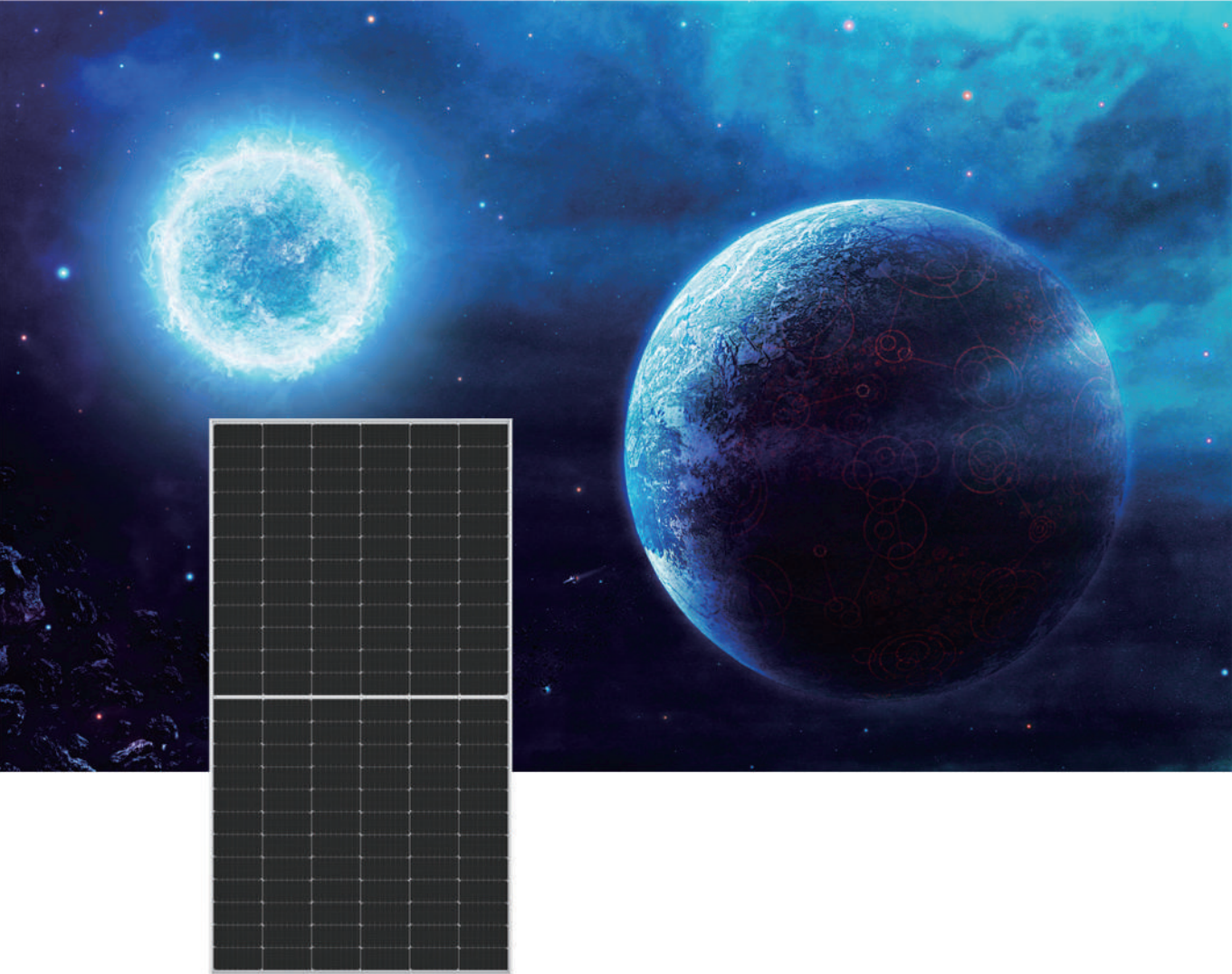
 PLC, Zigbee or WIFI communication

 Rapid shutdown function

Technical Data

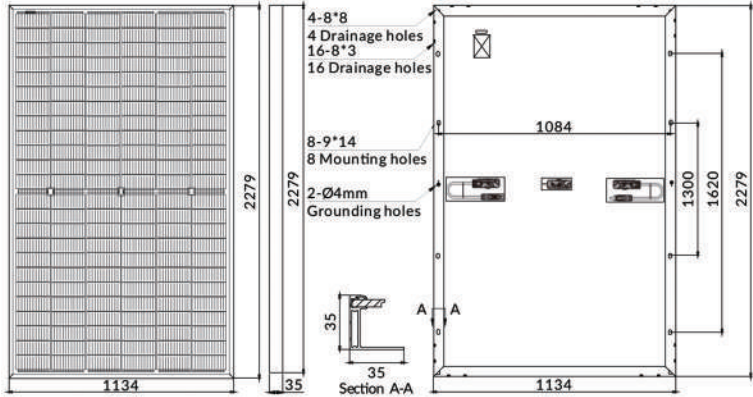
Model	SUN1300G3 -US-220	SUN1300G3 -EU-230	SUN1600G3 -US-220	SUN1600G3 -EU-230	SUN2000G3 -US-220	SUN2000G3 -EU-230
Input Data (DC)						
Recommended input Power (STC)	210~400W (4 Pieces)		210~500W (4 Pieces)		210~600W (4 Pieces)	
Maximum input DC Voltage	60V					
MPPT Voltage Range	25~55V					
Full Load DC Voltage Range (V)	26.5~55V		33~55V		40~55V	
Max. DC Short Circuit Current	4×19.5A					
Max. input Current	4×13A					
No.of MPP Trackers	4					
No.of Strings per MPP Tracker	1					
Output Data (AC)						
Rated output Power	1300W		1600W		2000W	
Rated output Current	5.9A	5.7A	7.3A	7A	9.1A	8.7A
Nominal Voltage / Range (this may vary with grid standards)	220V/ 0.85Un-1.1Un	230V/ 0.85Un-1.1Un	220V/ 0.85Un-1.1Un	230V/ 0.85Un-1.1Un	220V/ 0.85Un-1.1Un	230V/ 0.85Un-1.1Un
Nominal Frequency / Range	50 / 60Hz					
Extended Frequency / Range	45~55Hz / 55~65Hz					
Power Factor	>0.99					
Maximum units per branch	4		4		3	
Efficiency						
CEC Weighted Efficiency	95%					
Peak Inverter Efficiency	96.5%					
Static MPPT Efficiency	99%					
Night Time Power Consumption	50mW					
Mechanical Data						
Ambient Temperature Range	-40~65℃					
Size (mm)	267W×300H×42D (Without mounting bracket and cable)					
Weight (kg)	5.2					
Cooling	Natural cooling					
Enclosure Environmental Rating	IP67					
Features						
Compatibility	Compatible with 60~72 cell PV modules					
Communication	Power line / WIFI / Zigbee					
Grid Connection Standard	EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IEEE1547					
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3					
Warranty	10 years					

XTMONO182MM HALFCUT SERIES



MECHANICAL CHARACTERISTICS

Solar Cells	Mono
No. of Cells	144 (6x24)
Dimensions	2279 x 1134 x 35mm
Weight	28.5kgs
Front Glass	3.2mm coated tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated (3 by pass diodes)
	4.0mm ²
Output Cables	300mm (+) / 400mm (-)
	Length can be customized
Connectors	Mc4 compatible
Mechanical load test	5400Pa



ELECTRICAL PARAMETERS

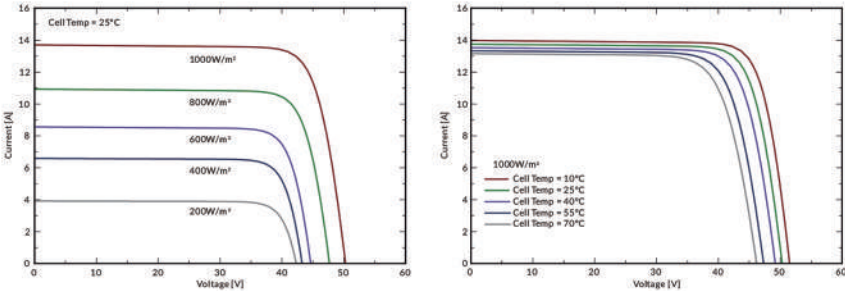
POWER CLASS	530		535		540		545		550	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power (Pmax)	530W	401W	535W	405W	540W	409W	545W	413W	550W	417W
Open Circuit Voltage (Voc)	49.74V	47.16V	49.89V	47.40V	50.04V	47.63V	50.18V	47.87V	50.32V	48.10V
Short Circuit Current (Isc)	13.62A	10.91A	13.69A	10.95A	13.76A	10.99A	13.83A	11.03A	13.90A	11.07A
Voltage at Maximum power (Vmpp)	41.63V	38.97V	41.80V	39.21V	41.96V	39.44V	42.12V	39.67V	42.28V	39.90V
Current Maximum Power (Impp)	12.73A	10.29A	12.80A	10.33A	12.87A	10.37A	12.94A	10.41A	13.01A	10.45A
MODULE EFFICIENCY (%)	20.51%		20.70%		20.89%		21.09%		21.28%	

STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G

PACKING CONFIGURATION

Container	20'GP	40'HQ
Pieces per pallet	31	31
Pallets per container	5	20
Pieces per container	155	620

I-V CURVE



OPERATING CHARACTERISTICS

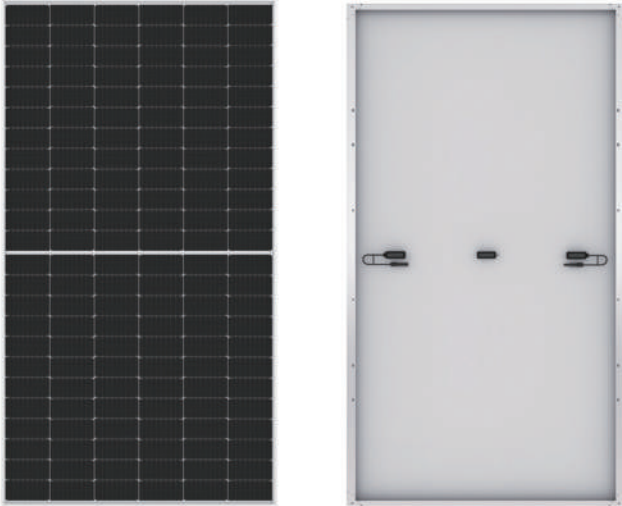
Operating Module Temperature	-40°C to + 85°C
Maximun System Voltage	1500 DC (IEC)
Maximun Series Fuse Rating	25A
Power Tolerance	0/+5W

TEMPERATURE CHARACTERISTICS

Nominal Operating Temperature (Noct)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Isc	+0.05%/°C

Note: Due to continuous technical innovation, R&D and improvement ,technical data above mentioned may be of modification accordingly.

M10/182MM CELL . 144 HALF CELL



Power +

Higher Power

LID

Low LID

PERC

PERC

Half-cut Cell

Half-cut Cell

XTRA POWER SOLAR LITHIUM GENERATOR

Portable Solar Lithium Generator 300W/600W/1000W

This is a Solar inverter with lithium iron phosphate battery pack and ac adapter charger.



Main Features:

1. Pure sine wave AC output, wide application range and strong load carrying capacity;
2. Intelligent CPU control technology, high precision SMT processing technology, excellent product performance;
3. Lithium battery charging mode can be selected, which is convenient and practical;
4. Intelligent fan control, safe and reliable, low loss and energy saving;
5. LED color display screen, real-time display of equipment parameters, operation status at a glance;
6. Output overload, short circuit protection, over temperature protection, battery high and low protection, various automatic protection and alarm prompt.

System Connection



Solar Lithium Generator

Technical Specifications:

Model	XT-300SG	XT-600SG	XT-1000SG
Output AC	AC 220V ±5%		
Output Frequency	50 ± 3HZ		
Efficiency	>90%		
MAX POWER	350W	600W	1000W
PMAX POWER	500W	1000W	1500W
SIZE	265*285*165MM	340*285*165MM	405*375*195MM
WEIGHT	6.5KG	10.5KG	24.5KG
NO LOAD CURRENT	<0.3A	<0.5A	<0.8A
CONTROLLER	12V/30A PWM		
SOLAR PANEL SUGGESTION	300W-400W/18V		
BATTERY	12.8v 25Ah/LITHIUM	12.8v 50Ah/LITHIUM	12.8v 100AH/LITHIUM
USB OUTPUT V	5± 0.3V		
USB OUTPUT A	2A/4A		
DC OUTPUT(L1~L4)	12V/10A		
AUTOMATIC POWER SUPPLY	EC5		
CIGARTTE BUTTS	EC5		
OVER LOAD AND CIRCUIT PROTICTION	YES		
HIGH TEMPERATURE PROTECTION	YES 90		
LOW VOLTAGE WARMING	10.5V± 0.3V		
COOLING TYPE	FAN		

Note: Product specifications are subject to change without further notice.

XTRA POWER solar GENERATOR

XT1000-SG-LITE



- 1. Interactive LCD Screen For Setting And Monitoring;
- 2. Built in Wifi Nodule, Mornitoring your system anytime;
- 3. 1000W inverter at peak power 3000W;
- 4. Multiple Charging ways :Solar; AC; DC;
- 5. More Ouputs for more usages.

Technical Data

XTRA POWER SOLAR GENERATOR	
Model No.	XT1000-SG-LITE
Built-in LifePO4 Battery	
Voltage	25.6V
Capacity	40Ah
Energy	1Kwh
Charging Capacity	
Car Charger	12VDC 10A 120W (MAX.)
PV (MPPT Solar Controller)	10-30VDC 10A 300W (MAX.)
AC Charger (Quick Charger)	180-260VAC 800W(MAX.)
AC Output	
Capacity	1000W 3000W(Peak power)
Voltage	220Vac
DC Output	
USB-A	12W*1
QC3.0 (x2)	28W*2
USB-TypeC	100W*2
Car Port	136W*1
DC Port	136W*2
Other Features	
LED light	3W*1
LCD Screen	97mm*48mm
Wireless Phone Charger	10W
Communication	Built in WIFI

XTRA POWER solar GENERATOR

XT2000-SG-LITE



- 1.Interative LCD Screen For Setting And Monitoring;
- 2. Built in Wifi Nodule, Mornitoring your system anytime;
- 3.2000W inverter at peak power 5000W;
- 4.Multiple Charging ways :Solar; AC; DC;
- 5.More Ouputs for more usages.

Technical Data

Model No.	XT2000-SG-LITE
Built-in LifePO4 Battery	
Voltage	48V
Capacity	40Ah
Energy	1.92Kwh
Charging Capacity	
Car Charger	12VDC 10A 120W (MAX.)
PV (MPPT Solar Controller)	10-53VDC 10A 400W (MAX.)
AC Charger (Quick Charger)	180-260VAC 1500W(MAX.)
AC Output	
Capacity	2000W 5000W(Peak power)
Voltage	220Vac
DC Output	
USB-A	12W*1
QC3.0 (x2)	28W*2
USB-TypeC	100W*2
Car Port	136W*1
DC Port	136W*2
Other Features	
LED light	3W*1
LCD Screen	97mm*48mm
Wireless Phone Charger	10W
Communication	Built in WIFI