



FOUANI
G r o u p

SOLAR POWER BRANDS



ABOUT FOUANI

Fouani Group is a multinational enterprise operating in Nigeria, Guinea, Gambia, Lebanon, Congo and Liberia.

Since its inception, Fouani Group has excelled in multiple industries, establishing itself as a leading player in large-scale electronics manufacturing and assembly, as well as electronics distribution.

Additionally, the company has made a significant impact in the fast-moving consumer goods (FMCG) sector, cementing its position as a distinguished name in these industries.

Fouani Group's distinction is highlighted by its trade in a range of high-end brands, including but not limited to LG, Hisense, and Maxi. This diverse portfolio of prestigious brands sets Fouani Group apart from its competitors and establishes the company as a prominent player in the industry.



FOUANI NIGERIA

Fouani Nigeria Ltd, a subsidiary to the Fouani Group, was founded in 2001 and quickly rose to success, carving an undisputed name and place in a challenging market.

Providing products and services to multinational businesses and conglomerates, as well as many private clients, Fouani Nigeria became the solution to many of the consumer's needs.

What started out as a single outlet in 2001, is now over 50 nation-wide outlets in major cities.

This distinguished expansion was not possible without a great customer satisfaction and a positively encouraging feedback towards our services and products as well as the customer accessibility and the user-friendly methodology we follow to cater to all needs.



I N T R O D U C I N G O U R

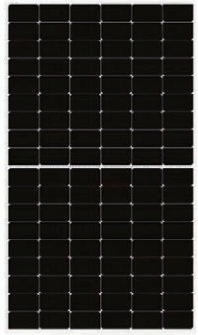
SOLAR POWER SOLUTIONS BRANDS



Solar **Jinko**



Building Your Trust in Solar



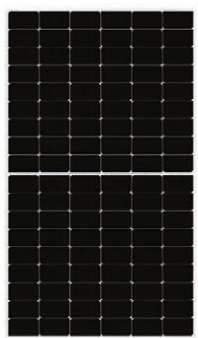
**435W Monofacial Solar Panel
JINKOM435N-54HL4R-V**

N-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 1762×1134×30mm



**440W Monofacial Solar Panel
JINKOSP440N-54HL4-V**

N-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 1762x1134x30mm



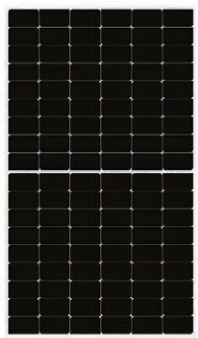
**475W Monofacial Solar Panel
JINKOSP475N-60HL4-V**

N-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 1903x1134mmx30mm



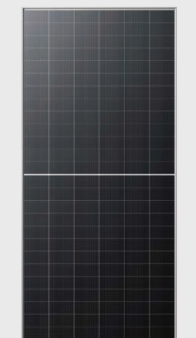
**550W Monofacial Solar Panel
JKM540-72HL4-(V)-F3-EN**

P-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 2278x1134x35mm



**580W Monofacial Solar Panel
JINKOSP580N-72HL4-V**

N-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 2278x1134x35mm



**625W Monofacial Solar Panel
JINKOM625N-78HL4-V**

N-type M10/182mm Wafer
TOPCon Technology
Higher Efficiency
Lower LCOE
Lower Degradation
Size: 2465×1134×35mm

4660
12 Years Product Warranty
22-23 % Module Efficiency
25 Year Linear Power Warranty





HUAWEI POWER-M

Say Goodbye to Power Outage



- Active Safety
- Seamless Switchover
- Silent and Sleek Design
- Reliable 24 Hours Power Supply
- Built-in Energy Optimizer

**Supplementary
Power Supply,
24-hours Uninterrupted
Power**

5 Years Product Warranty

References Configuration & Application Scenarios

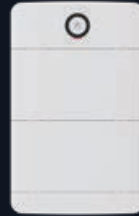
*Recommended configuration only for reference, result might vary.

2.5 kW + 5 kWh | 3 - 4 hrs | 1750W



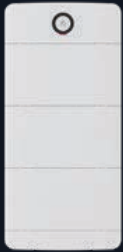
Lamp x2
Home Theatre x2
TV & Console x2
Blender x1
Fan x1
Refrigerator x1
Washing Machine x1

5.0 kW + 10 kWh | 3 - 4 hrs | 3150W



Lamp x3
Home Theatre x3
TV & Console x3
Blender x1
Fan x2
Refrigerator x1
Inverter AC x1
Washing Machine x1

5.0 kW + 15 kWh | 3 - 4 hr | 4150W



Lamp x3
Home Theatre x3
TV & Console x3
Blender x1
Fan x2
Refrigerator x1
Microwave x1
Inverter AC x1
Washing Machine x1

10 kW + 20 kWh | 3 - 4 hr | 7950W



Lamp/Home Theatre x3
TV & Console x3
Blender x1
Fan x2
Refrigerator x1
Electric Kettle x1
Electric Iron x1
Microwave x1
Inverter AC x2
Washing Machine x1

10 kW + 30 kWh | 4 - 5 hr | 7950W



Lamp/Home Theatre x3
TV & Console x3
Blender x1
Fan x2
Refrigerator x1
Electric Kettle x1
Electric Iron x1
Microwave x1
Inverter AC x2
Washing Machine x1

15 kW + 30 kWh | 3 - 4 hr | 10000W



Lamp/Home Theatre
TV & Console x4
Blender x1
Fan x4
Refrigerator x3
Electric Kettle x1
Electric Iron x1
Microwave x1
Inverter AC x3
Washing Machine x1

15 kW + 45 kWh | 4 - 5 hr | 10000W



Lamp/Home Theatre x4
TV & Console x4
Blender x1
Fan x4
Refrigerator x3
Electric Kettle x1
Electric Iron x1
Microwave x1
Inverter AC x3
Washing Machine x1



Indoor

1 15kW+30kWh



- 18kVA Inverter
- 16kW Battery charger
- 16kW Solar MPPT charger
- 28.8kWh Lithium battery
- 3*200Ah,0.5C,6500cycles

2 30kW+60kWh



- 36kVA Inverter
- 16kW Battery charger
- 32kW Solar MPPT charger
- 57.6kWh Lithium battery
- 6*200Ah,0.5C,6500cycles

3 60kW+120kWh



- 72kVA Inverter
- 32kW Battery charger
- 64kW Solar MPPT charger
- 115.2kWh Lithium battery
- 12*200Ah,0.5C,6500cycles

4 60kWh



- 57.6kWh Lithium battery
- 6*200Ah,0.5C,6500cycles
- optional

5 30kW



- 36kVA Hybrid inverter
- 16kW Battery charger
- 32kW Solar MPPT Charger

6 8kW-PVDU



- Solar access capacity expansion:
- 8kW Solar MPPT Charger
 - Optional

Outdoor

7 30kW+30kWh



- 36kVA Inverter
- 16kW Battery charger
- 32kW Solar MPPT charger
- 28.8kWh Lithium battery
- 6*100Ah,1C,6000cycles

8 60kW+60kWh

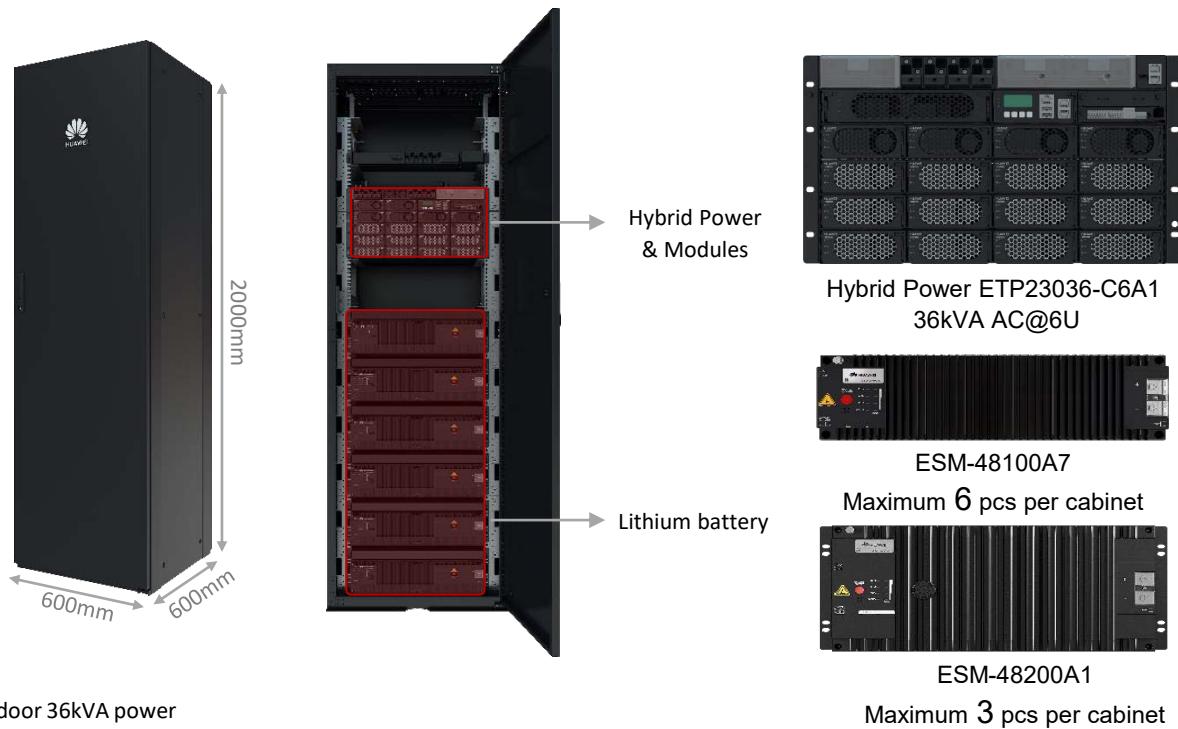


- 72kVA Inverter
- 32kW Battery charger
- 64kW Solar MPPT charger
- 57.6kWh Lithium battery
- 12*100Ah,1C,6000cycles

Remark:

1. Including: battery, inverter, battery charger, solar MPPT, bypass, AC SPD, EMS, D.G. controller, internal cables, communications module.
2. Common C&I: Typical average load PF ≥ 0.83 ; Data Center Equipment: Typical average load PF ~ 1 .
3. Local touch color screen is optional

Indoor Power & Battery system ICC200-N6-H2 Specification



Indoor 36kVA power

Technical Specifications		ICC200-N6-H2	
PV input	Input voltage	90~440 V DC	
	Power	4kW per module	
AC input	Rated input voltage	Three-phase, 85~300Vac	
	Rated input frequency	45~66Hz	
	Max. input current	3 x 120 A	
	AC bypass	36kVA	
AC output	Rated output power	16kW DC/36kVA AC, support 2 connected in parallel: 32kW DC/72kVA AC	
	Rated output voltage	Three-phase, 220V AC	
	Rated output frequency	50 Hz / 60 Hz	
	Output branch	1 x 100 A/3P MCB	
DC output	Output voltage	42V to 58V DC, default: 53.5V DC	
	SPD	10 kA differential mode, 20 kA common mode, 8/20 μs	
Battery parameters	Battery Model	ESM-48100A7	ESM-48200A1
	Battery capacity	100Ah	200Ah
	Battery material type	LiFePO4	LiFePO4
	Battery dimensions	442*396*130 mm	442*560*218 mm
	Battery operating voltage	44~57 V DC	44~57 V DC
	Rated voltage	48V DC	48V DC
	Maximum charging current	100 A @ 35°C	100 A @ 25°C
	Maximum discharge current	100 A	100 A
	Cycle performance	6000 @ 0.5C, 85% DOD, 70% EOL, 35°C	6500 cycles @ 0.5C/0.5C, 85% DOD, 25°C
	Numbers per cabinet	6	3 (Need adjustment guide rails)
General parameters	Dimensions (W x D x H)	600 mm x 600 mm x 2000 mm (excluding the base 100mm)	
	Weight	<150 kg	
	Operating temperature	-20°C~45°C	
	Storage temperature	-40°C ~ 70°C	
	Cooling mode	Natural cooling	
	Altitude	0 ~ 5000m (The temperature is derated when the altitude ranges from 2000 m to 5000 m. The temperature decreases by 1°C for each additional 200 m)	
	Relative humidity	5~95%, non-condensing	
	Protection level	IP20	
	Protection function	Low-voltage protection, over-voltage protection, over-current protection, over-temperature protection, short-circuit protection, and reverse connection protection	
	Communication type	CAN, RS485, GPRS, IP	
Authentication certificate	CE, ROHS6		



SUN2000-100KTL-M2 Smart PV Controller

SUN2000-100KTL-M2 Technical Specification

Technical Specification		SUN2000-100KTL-M2
Efficiency		
Max. efficiency		98.6% @ 400 V, 98.8% @ 480 V
European efficiency		98.4% @ 400 V, 98.6% @ 480 V
Input		
Max. Input Voltage ¹		1,100 V
Max. Current per MPPT		30 A
Max. Current per Input ³		20 A
Max. Short Circuit Current per MPPT		40 A
Start Voltage		200 V
MPPT Operating Voltage Range ²		200 V ~ 1,000 V
Nominal Input Voltage		600 V @ 400 Vac, 720 V @ 480 Vac
Number of MPP trackers		10
Max. input number per MPP tracker		2
Output		
Nominal AC Active Power		100,000 W
Max. AC Apparent Power		110,000 VA
Max. AC Active Power (cosφ=1)		110,000 W
Nominal Output Voltage		380 V / 400 V / 480 V, 3W+(N)+PE
Rated AC Grid Frequency		50 Hz / 60 Hz
Nominal Output Current		144.4 A @ 400 V, 120.3 A @ 480 V
Max. Output Current		160.4 A @ 400 V, 133.7 A @ 480 V
Adjustable Power Factor Range		0.8 leading... 0.8 lagging
Max. Total Harmonic Distortion		< 3%
Protection		
Input-side Disconnection Device		Yes
Anti-islanding Protection		Yes
AC Overcurrent Protection		Yes
DC Reverse-polarity Protection		Yes
PV-array String Fault Monitoring		Yes
DC Surge Arrester		Type II
AC Surge Arrester		Type II
DC Insulation Resistance Detection		Yes
Residual Current Monitoring Unit		Yes
Arc Fault Protection		Yes
Smart String Level Disconnecter		Yes
Communication		
Display		LED indicators; WLAN adaptor + FusionSolar APP
RS485		Yes
USB		Yes
Smart Dongle-4G		Smart Dongle - 4G / WLAN (Optional)
Monitoring BUS (MBUS)		Yes (isolation transformer required)
General Data		
Dimensions (W x H x D)		1,035 x 700 x 365 mm
Weight (with mounting plate)		≤93 kg
Operating Temperature Range		-25°C ~ 60°C
Cooling Method		Smart Air Cooling
Max. Operating Altitude		4,000 m (13,123 ft.)
Relative Humidity		0 ~ 100%
DC Connector		Amphenol Helios H4
AC Connector		Waterproof Connector + OT/DT Terminal
Protection Degree		IP66
Topology		Transformerless
Nighttime Power Consumption		< 3.5 W
Standard Compliance (more available upon request)		
Certificate		EN 62109-1/-2, IEC 62109-1/-2, EN 50530, IEC 62116, IEC 61727, IEC 60068, IEC 61683
Grid Connection Standards		VDE-AR-N4105, EN 50549-1, EN 50549-2, RD 661, RD 1699, C10/11

¹ The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage inverter.
² Any DC input voltage beyond the operating voltage range may result in inverter improper operating.
³ Single-string access.



SUN2000- 50KTL -M3 Smart PV Controller

SUN2000-50KTL-M3 Technical Specification

Technical Specification	SUN2000-50KTL-M3
Efficiency	
Max. Efficiency	98.5%
European Efficiency	98.0%
Input	
Max. Input Voltage ¹	1,100 V
Max. Current per MPPT	30 A
Max. Current per Input	20 A
Max. Short Circuit Current per MPPT	40 A
Start Voltage	200 V
MPPT Operating Voltage Range ²	200 V ~ 1,000 V
Rated Input Voltage	600 V
Number of Inputs	8
Number of MPP Trackers	4
Output	
Rated AC Active Power	50,000 W
Max. AC Apparent Power	55,000 VA
Max. AC Active Power (cosφ=1)	55,000 W
Rated Output Voltage	400 Vac / 480 Vac, 3W+(N) + PE
Rated AC Grid Frequency	50 Hz / 60 Hz
Rated Output Current	72.2 A @ 400Vac, 60.1 A @ 480Vac
Max. Output Current	79.8 A @ 400Vac, 66.5 A @ 480Vac
Adjustable Power Factor Range	0.8 LG ... 0.8 LD
Max. Total Harmonic Distortion	<3%
Protection	
Input-side Disconnection Device	Yes
Anti-islanding Protection	Yes
AC Overcurrent Protection	Yes
DC Reverse-polarity Protection	Yes
PV-array String Fault Monitoring	Yes
DC Surge Arrester	Type II
AC Surge Arrester	Type II
DC Insulation Resistance Detection	Yes
Residual Current Monitoring Unit	Yes
Arc Fault Protection	Yes
Ripple Receiver Control	Yes
Integrated PID Recovery ³	Yes
Communication	
Display	LED Indicators, Bluetooth + APP
RS485	Yes
Smart Dongle	WLAN/Ethernet via Smart Dongle-WLAN-FE (Optional) 4G / 3G / 2G via Smart Dongle-4G (Optional)
Monitoring BUS (MBUS)	Yes (Isolation Transformer required)
Optimizer Compatibility	
DC MBUS Compatible Optimizer	MERC-1100/1300W-P
General Data	
Dimensions (W x H x D)	640 x 530 x 270 mm (25.2 x 20.9 x 10.6 inch)
Weight (with mounting plate)	49 kg (108.1 lb)
Operating Temperature Range	-25°C ~ 60°C (-13°F ~ 140°F)
Cooling Method	Smart Air Cooling
Max. Operating Altitude	4,000 m (13,123 ft.)
Relative Humidity	0% RH ~ 100% RH
DC Connector	Amphenol HH4
AC Connector	Waterproof Connector + OT/DT Terminal
Protection Degree	IP 66
Topology	Transformerless
Nighttime Power Consumption	≤ 5.5W
Standard Compliance (more available upon request)	
Safety	EN 62109-1/-2, IEC 62109-1/-2, EN 50530, IEC 62116, IEC 60068, IEC 61683
Grid Connection Standards	IEC 61727, VDE-AR-N4105, VDE 0126-1-1, BDEW, G59/3, UTE C 15-712-1, CEI 0-16, CEI 0-21, RD 661, RD 1699, P.O. 12.3, RD 413, EN-50438-Turkey, EN-50438-Ireland, C10/11, MEA, Resolution No.7, NRS 097-2-1, DEWA

1. The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage inverter.

2. Any DC input voltage beyond the operating voltage range may result in inverter improper operating.

3. SUN2000-30-50KTL-M3 raises potential between PV- and ground to above zero through integrated PID recovery function to recover module degradation from PID. Supported module types include: P-type (mono, poly), N-type (nPERT, HIT)

4. 50KTL Platform only supports C&I Optimizer(MERC-1100/1300W-P). The current version does not support this function and it can be upgraded to optimizer version via new inverter software version(Dec 30th, 2022)

Refer to [HTTP://solar.huawei.com/](http://solar.huawei.com/)

LUNA2000-200KWH-2H1 Smart String ESS



More Energy



Simple O&M



Safe & Reliable

Energy Storage System Parameters

Battery Configuration	12S1P
Maximum battery capacity of the energy storage system	193.5 kWh
Rated Power	100 kW
Dimensions (W x H x D), including DC/DC and PCS	2570mm×2135mm×1200mm
Dimensions (W x H x D)	1810mm×2135mm×1200mm
Weight (including the battery module)	≤2950kg
Weight (without the battery module)	≤1070kg
Operating temperature range	-30 °C ~ 55 °C
Storage temperature range	-40 °C ~ 60 °C
Operating humidity range	0 ~ 100% (non-condensing)
Maximum operating altitude	4,000 m
Installation Environment Requirement	Outdoor installation
Battery temperature control mode	Industrial-grade air conditioner
Fire suppression of energy storage system	YES
Auxiliary Power Supply	220Vac, ≤4.2kW
Communication port	Ethernet / SFP
Communication protocol	Modbus TCP
Protection degree	IP55
EMC Protection Rating	ClassA
DC Lightning Protection	Type II

Standards

Environment	RoHS6
Certification Standards	GBT 36276-2018; IEC62619; UL9540A;UN38.3

Battery Pack & Smart Rack Controller

Smart String ESS



Battery Pack	
General	
Cell Material	LFP
Nominal Capacity	16.13kWh
Supported Charge & Discharge Rate	≤ 0.5 C
Weight	≤ 140 kg
Dimensions (W x H x D)	442 x 308 x 660 mm



Smart Rack Controller	
Efficiency	
Max. Efficiency	≥ 98.5.0%
Battery Side	
Rated Voltage	691.2@280Ah
Operating Voltage Range	40 V ~ 1,050 V
Min. Start Voltage	350 V
Bus Side	
Max. DC Voltage	1,100 V
Rated Voltage	665 V
Rated Current	76.3 A
General	
Dimensions (W x H x D)	600 x 820 x 270 mm
Weight	≤ 90 kg
Cooling Method	Smart Air Cooling
Protection Degree	IP66



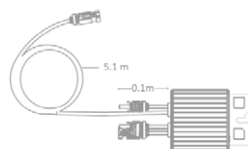
MERC-1100/1300W-P PV Optimizer

MERC-1100/1300W-P Technical Specification

Technical Specification	MERC-1100W-P	MERC-1300W-P
Input		
Rated input DC power ¹	1100 W	1300 W
Absolute max. input voltage	125 V	
MPPT operating voltage range	12.5 ~ 105 V	
Max. short-circuit current (I _{sc})	20 A	
Max. efficiency	99.5%	
Weighted efficiency	99.0%	
Overvoltage category	II	
Output		
Max. output voltage	80 V	
Max. output current	22 A	
Output bypass ²	Yes	
Safety output voltage ³	1 V	
Standards Compliance		
Safety	IEC62109-1 (class II safety)	
RoHS	Yes	
General Specification		
Dimension (W X H X D)	149 mm x 104 mm x 48.8 mm (5.9 in. x 4.1 in. x 1.9 in.)	
Weight (including wires)	1.0 kg (2.2 lb.)	
Installation part (optional)	PV Module Frame Plate/T-shaped Bolt ⁴	
Input connector	Staubli MC4	
Input wire length	0.1 m (+/-) (short-input-cable version) ⁵	
Output connector	Staubli MC4	
Output wire length	0.1 m (+), 5.1 m (-) (short-input-cable version) ⁵	
Operating temperature	-40°C to +85°C ⁶	
Relative humidity	0% ~ 100%	
IP rating	IP68	
Compatible inverters	SUN2000-8/10/12/15/17/20KTL-M2, SUN2000-30/36/40KTL-M3, SUN2000-12/15/17/20/25KTL-M5, SUN2000-50KTL-M3	

PV System Design ^{7/8/9}	SUN2000-8~20KTL-M2	SUN2000-12~25KTL-M5	SUN2000-30~40KTL-M3	SUN2000-50KTL-M3
Minimum String Length (Power Optimizers)	8	8	8	8
Maximum String Length (Power Optimizers)	25	25	25	20
Maximum DC Power per String	20,000 W	20,000 W	20,000 W	20,000 W

Short-input-cable Version



*1 The maximum power of PV module at STC shall NOT exceed the "Rated Input DC Power" of MERC-1100/1300W-P. PV Modules with up to +5% power tolerance are allowed.

*2 Any power optimizer, which is connected to an operating inverter in a PV string, will be bypassed when it fails.

*3 When the MERC-1100/1300W-P is disconnected from inverter or when the inverter is off, its output voltage will become 1 V.

*4 It is for PV module frame/extruded aluminum profile racking system installation.

*5 Pay attention to the PV module wire length. To match PV modules with a split junction box and short output wire, the long-input-cable version (input wire: 1.3 m (+/-); output wire: 0.1 m (+)/2.9m (-)) of MERC-1100/1300W-P is available upon request.

*6 When the operating temperature of the MERC-1100/1300W-P reaches 70 °C to 85 °C, it may shut down due to over-temperature protection and report an over-temperature alarm. After the temperature decreases, it can automatically resume working without causing any damage.

*7 Each PV module under the same inverter must be equipped with a MERC-1100/1300W-P.

*8 SUN2000-450W-P2/600W-P and MERC-1100/1300W-P can NOT be used in mixture under the same Smart Energy/PV Controller.

*9 It is recommended that strings under the same inverter have an equal capacity. If this is not feasible, the capacity difference between strings under the same inverter must not exceed 2 kW. Otherwise, the energy yield will be reduced.

Disclaimer: the preceding values are measured by an internal laboratory of Huawei in a specific environment. The actual values may vary with products, software versions, usage conditions, and environmental factors.



Smart Energy for a Green Future

powering tomorrow
Growatt





SPF 3500ES

- Hybrid
- Integrated MPPT charge controller.
- Equalization charging function.
- Work with or without battery.
- Configurable grid or solar input priority.
- Optional WIFI/GPRS remote monitoring
- Support parallel operation for capacity expansion up to 30KW (6 units maximum).
- PV and grid power the load jointly if PV energy is insufficient.
- Flexibly schedule the Inverter charging and discharging time.
- PV input voltage up to 450VDC.
- Battery type: Lithium/Lead Acid
- Rated Power: 3500VA
- Maximum Solar Charge Current: 80A
- Maximum PV Array Power 4500W
- Inverter Output 3.5KW
- 48V Battery voltage
- 2 Years Warranty



SPF 5000ES

- Hybrid
- Integrated MPPT charge controller.
- Equalization charging function.
- Work with or without battery.
- Configurable grid or solar input priority.
- With WIFI/GPRS remote monitoring
- Support parallel operation for capacity expansion up to 30KW (6 units maximum).
- PV and grid power the load jointly if PV energy is insufficient.
- Flexibly schedule the Inverter charging and discharging time.
- Maximum PV Array Power 6000W
- PV input voltage up to 450VDC.
- Battery type: Lithium/Lead Acid
- Rated Power: 5000VA
- Maximum Solar Charge Current: 100A
- Inverter Output 5KW
- 48V Battery voltage
- 2 Years Warranty



SPF 3000TL-HVM-48

- Hybrid
- Integrated MPPT charge controller
- Configurable grid or solar input priority
- Optional WIFI/ GPRS remote monitoring
- WIFI Dongle Included for Monitoring
- Maximum PV Array Power 2400W
- Maximum PV Array Open Circuit Voltage: 145VDC
- Rated Power: 3000VA
- Efficiency 93%
- Maximum Solar Charge Current: 40A
- Inverter Output 3KW
- 48V Battery voltage
- 2 Years Warranty



SPF 5000TL-HVM-P

- Hybrid
- Low Frequency
- Integrated MPPT Charge controller
- WIFI Dongle Included for Monitoring
- Configurable grid or Solar input priority
- Optional WIFI/ GPRS remote monitoring
- Maximum PV Array Power 5000W
- Efficiency 93%
- Inverter Output 5KW
- 48V Battery voltage
- 2 Years Warranty
- 6 Pcs in Parallel Connection



GROWSHINWIFI-X

- Wifi Monitoring Device
- 1 Year Warranty



SPH 3600TL-BL-UP

- Hybrid
- Single Phase
- 2MPPT
- Smart Load Management
- UPS Function < 10MS Transition
- 2.0 DC/AC Ratio
- Max Recommended PV Power 6000W
- Inverter Output 3.6KW
- 10 Pcs Parallel (Grid Tied)
- 5 Years Warranty



SPH 5000TL-BL-UP

- Hybrid
- Single Phase
- 2MPPT
- Smart Load Management
- UPS Function < 10MS Transition
- 2.0 DC/AC Ratio
- Max Recommended PV Power 9500W
- Inverter Output 5KW
- 10 Pcs Parallel (Grid Tied)
- 5 Years Warranty



SPH 8000TL3-BH-UP

- Hybrid
- Three Phase
- 2MPPT
- Smart Load Management
- UPS Function < 10MS Transition
- 1.5 DC/AC Ratio
- Max Recommended PV Power 12000W
- Inverter Output 8KW
- 10 Pcs Parallel (Grid Tied)
- 5 Years Warranty



SPH 10000TL3-BHUP

- Hybrid
- Three Phase
- 2MPPT
- Smart Load Management
- UPS Function < 10MS Transition
- 1.5 DC/AC Ratio
- Max Recommended PV Power 15000W
- Inverter Output 10KW
- 10 Pcs Parallel (Grid Tied)
- 5 Years Warranty



HOPE 5.5L-A1

- 51.2V Nominal Voltage
- 5.5kWh Rated Capacity
- 5.12kWh Usable Capacity
- 40 - 58.4V Operating Voltage
- 100A Max Discharging Current
- 950A/150us Peak Discharging Current
- 100A Max Charging Current
- 440/540/130.5mm (W/D/H)
- 45±1Kg Weight
- IP20 IP Protection
- 93% DOD
- >6000 (25°C, 0.2C.) Cycle Life
- Max. 12packs Parallel Connection
- CAN/RS485 Communication Port
- 5 Years Warranty



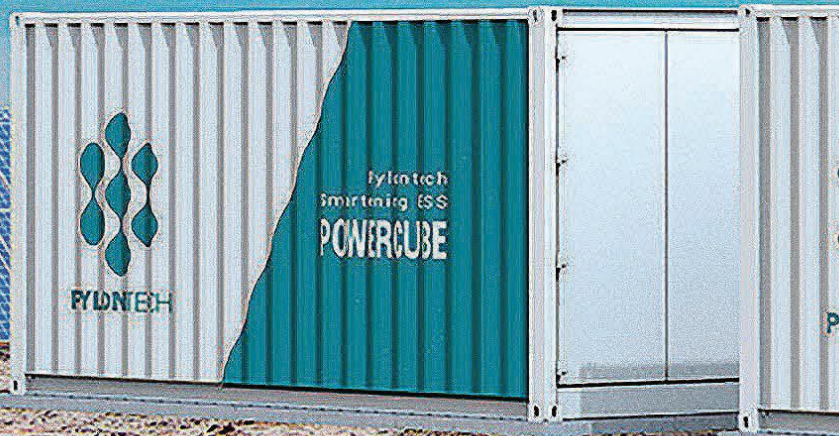
Growatt

PYLONTECH

Jinko Solar



Liberating Your Energy Sustainability



**WITH 5 YEARS
PRODUCT WARRANTY**





Model

US2000C



Pylontech US2000C
2.4kWh Lithium Ion Battery
PYLONBATUS2000C

US3000C



Pylontech US3000C
3.55kWh Lithium Ion Battery
PYLONBATUS3000C

UP5000C



Pylontech UP5000
4.8kWh Lithium Ion Battery
PYLONBATUP5000C

Basic Parameters

Nominal Voltage	48Vdc	48Vdc	48Vdc
Nominal Capacity (KWh)	2.4	3.55	4.8
Usable Capacity (KWh)	2.28	3.37	4.56
Dimension (mm)	442x410x89	442x410x132	442x410x165
Weight (Kg)	22.5	32	40
Charge/Discharge Current (A) (Recommended)	25	37	50
Charge/Discharge Current (A) (Max Continuous)	25	37	50
Charge/Discharge Current (A) (Peak 1)	50~89@60sec	74~89@60sec	89@60sec
Charge/Discharge Current (A) (Peak 2)	90~200@15sec	90~200@15sec	200@15sec
Communication Port	RS485, CAN		
Single String Quantity (Pcs)	16	16	16
Working Temperature (C) (Charge)	0~50		
Working Temperature (Discharge) (Charge)	-10~50		
Shelf Temperature (C)	-20~60		
Short Current/Duration Time	<4000A/2ms	<4000A/2ms	<4000A/2ms
IP Rating	IP20		
Cooling Type	Natural		
Humidity	5% ~ 95%(RH) No Condensation		
Altitude (M)	<4000		
Design Life	15+ Years (25°C/77°F)		
Cycle Life	>8000 25°C	>8000 25°C	>6000 25°C
Certification	UL1642/IEC62619 /ICE63056 /ICE61000-6-2/3 UN38.3	UL1973/UL1642 UL9540A/VDE2510-50 /IEC63056/IEC62619 /IEC62040/IEC62477-1 /ICE61000-6-2/UN38.3	IEC62619/UL1973 /UL9540A/CE /UN38.3

With Bracket



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During normal operation of the equipment, the average noise level complies with the the standard within the discrepancy range.

The above results are lab test results. Due to many uncertain factors in practice, the actual results may be different from the forecast information. Therefore, the information in this document is for reference only and does not constitute any offer or commitment.


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