



UZENERGY

Wherever you
find your energy.
Shine on.

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Energy Storage Battery

Energy Storage Battery
From Modular Pack to Turnkey Solution

UZENERGY Since 2013 Ver 1.1

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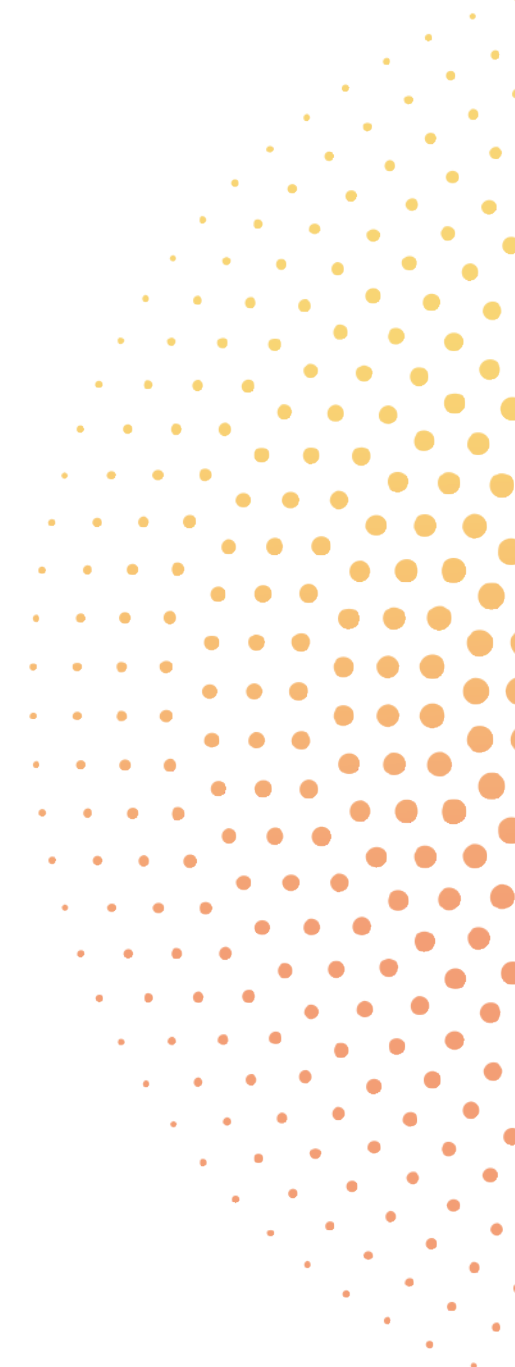
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MILESTONES



Wherever you find your energy.
Shine on.

2013

Strategic cooperation with
best-in-class battery supplier

2017

Energy Storage Solution Contract
for Microgrids (10 MWh)

2018-2019

ISO 9001/14001/18001
Energy storage solution
for PV/Wind application (35 MWh)
CATL Official ESS Integrator
UPS Solution (3 MWh)
UZ First Generation RESS

2020

Energy storage solution for PV/Wind
application (90MWh)
CATL Official RESS Supplier
Approved by mainstream inverters
in African/Australian Markets
Guangdong Province Innovative
Enterprise

2021

Expansion in the European market,
building brand recognition
Acquired UL9540A/UL9540
certification
TUV & UL China Core Partner

2022-2025

CATL officially becomes the
shareholder of UZ Energy
Won a 300 Million RMB UN project
Won a 70Mwh domestic RESS
project bid
Officially listed by SMA
Merged into SES

OUR COMPETITIVE ADVANTAGES



>10 years
R&D of ESS

>30 people
R&D Team

>100 items
Authorized Patents



>1,000 m²
R&D Center

>2 GWh
Annual Production Capacity



>500+ MWh
Cumulative Delivery

>30,000+
End Customers

>60+ countries
Export Trade

Who
We Are

UZ ENERGY

Premium Energy Storage System

UZ ENERGY LIMITED was founded in 2013, with the headquarter in Shenzhen, China. UZ Energy is an innovative energy storage solution enterprise with global impact. With a comprehensive portfolio of products, solutions and services, UZ Energy promises optimized performance, reliability and return on investment of energy storage, from residential-scale facility to grid-scale power plants.

We lead with an innovative R&D team, to provide products designed, tested and manufactured according to the highest global standards. We have established long-term strategic cooperations with the best-in-class cell manufacturers and professionals with skillsets and expertise in science, engineering and technology, to develop products with global relevance.

Our commitment is becoming the leading facilitator in the global shift towards future energy storage. With a mission to accelerate the world's transition to sustainable energy, we commercially advance and deploy clean energy technologies, promoting sustainability in developing projects that deliver innovation to move the world forward.

With years of combined experience in providing clean energy solutions, and having partnered with the world's clean energy companies, UZ Energy is uniquely positioned to guide your complex projects from inception to implementation.



<https://www.linkedin.com/company/uz-energy/>

UZ ENERGY STORAGE PRODUCT FAMILY

Residential ESS

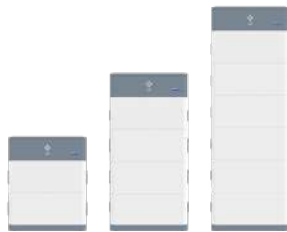
Power Lite Series
5 kWh



Power Lite Plus Series
5 kWh / 10 kWh / 16 kWh



Power Lite HV Series
10-30 kWh

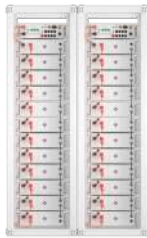


Power Lite HS Series
10-30 kWh



Industrial and Commercial ESS

Power Swift Series
30 kWh-61 kWh



Power Crate Series
100 kW-315 kWh



Power Mega Series
50 kW-110 kWh

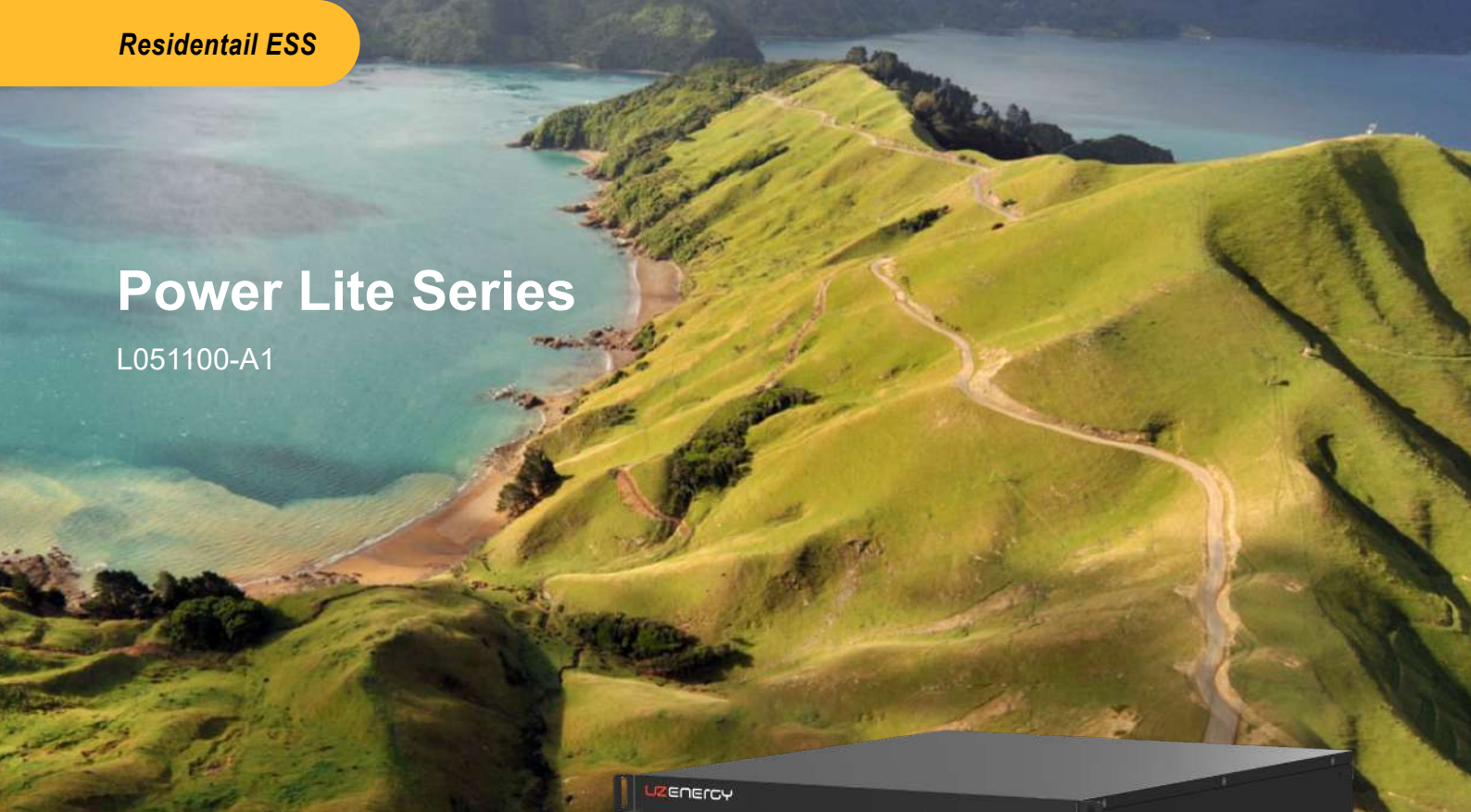


Power Mega Series
50 kW-221 kWh



Power Mega Series
125 kW-261 kWh





Power Lite Series

L051100-A1



Features



UN38.3



Tier-one LFP Battery Cells



Micro-grid Applications



Off-grid Energy Storage



UPS Power Supply

- Safe & Reliable LFP Battery
- Compact Design (3U in Height)
- Single Unit High Power Yield Support
- Advanced BMS Control
- Multi-parallel Configuration, Up to 32
- Black Out and Emergency Backup

Model	L051100-A1
Cell Type	LiFePO4
Rated Energy	5.12 kWh
Rated Voltage	51.2 V
Rated Capacity	100 Ah
Working Voltage Range	44.8 V - 57.6 V
Max. Parallel Quantity	32 sets, 163.84 kWh
Rated Charge / Discharge Current	50 A, 0.5C
Max. Continuous Discharge Current	50 A, 0.5C
Dimensions (W*D*H)	440*530*132 mm (±5) / 17.32*20.87*5.20 in (±5)
Weight	~99.2 lbs / ~45 kg
Operating Temperature	Charge: 0 °C ~ 55 °C / 32 °F ~ 131 °F Discharge: -20 °C ~ 55 °C / -4 °F ~ 131 °F
Storage Temperature	-20 °C ~ 50 °C / -4 °F ~ 122 °F
Altitude	≤ 2,000 m / 6,562 ft
Communication	CAN / RS485 / Dry Contact / Wi-Fi Stick
Cycle Life ^[1]	6,000 cycles
Warranty	10-Year
IP Rating	IP20
Certification	TUV / IEC 62619 / IEC 62040 / IEC 61000 / UN 38.3

[1*] Working condition: 0.5C @ 25 °C, 90% DoD.

- Can be installed by using F series rack (F13L) or fast installation components (H100)
- Can be installed by using wall-mounted components (C300A)
- Can be installed by using small rack (R100A)

✂ Information may be subject to modify without notice.

If there is any change in product size and parameters, please refer to the latest information without prior notice.



Power Lite-U Series

L051100-B



Features



Tier-one LFP battery cells



Micro-grid applications



Off-grid energy storage



UPS power supply

- Safe & Reliable LFP Battery
 - Compact Design (3U in Height)
 - Single Unit High Power Yield Support
- Advanced BMS Control
 - Multi-parallel Configuration, up to 32
 - Black Out and Emergency Backup

Model	L051100-B
Cell Type	LiFePO4
Rated Energy	5.12 kWh
Rated Voltage	51.2 V
Rated Capacity	100 Ah
Working Voltage Range	44.8 V - 58.4 V
Max. Parallel Quantity	32 sets, 163.84 kWh
Rated Charge / Discharge Current	60 A, 0.6C
Max. Continuous Discharge Current	100 A, 1C
Dimensions (W*D*H)	440*530*132 mm (±5) / 17.32*20.87*5.20 in (±5)
Weight	~99.2 lbs / ~45 kg
Operating Temperature	Charge: -10 °C ~ 55 °C / 14 °F ~ 131 °F Discharge: -20 °C ~ 55 °C / -4 °F ~ 131 °F
Storage Temperature	-20 °C ~ 55 °C / -4 °F ~ 131 °F
Altitude	≤ 2,000 m / 6,562 ft
Communication	CAN / RS485 / Dry Contact / Wi-Fi Stick
Cycle Life ^[1*]	6,000 cycles
Fire Extinguisher in Pack	Yes
Heating Film in Pack	Yes
Warranty	10-Year
IP Rating	IP20
Certification	UL 1973 / UL 9540A / UN 38.3

^[1*] Working condition: 0.5C @ 25 °C, 90% DoD.

- Can be installed by using F series rack (F13L) or fast installation components (H100)
- Can be installed by using wall-mounted components (C300A)
- Can be installed by using small rack (R100A)

✂ Information may be subject to modify without notice.

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Power Lite Plus Series

PLPA-L1-5K1



Features



- 

Tier-one LFP battery cells
- 

Automatic Parallel Configuration
- 

Supports Charging Down to -5 °C
- 

IP65

- Easy One-stop Installation
 - Slim & minimalist Design
- Power Outage and Emergency Backup
 - Advanced BMS Control

Model	PLPA-L1-5K1
Cell Type	LiFePO4
Rated Capacity	100 Ah
Rated Voltage	51.2 V
Rated Energy	5.12 kWh
Working Voltage Range	43.2 V - 58.4 V
Max. Parallel Quantity	32 sets, 163.84 kWh
Rated Charge / Discharge Current	0.6C, 60 A
Max. Discharge Continuous Current	1C, 100 A at > 70% SOC
Max. Charge / Discharge Power	3.07 kW / 5.12 kW
Peak Discharge Current / Power	105 A / 5.37 kW, 1 min.
Available SOC Range	0% ~ 100%
Dimensions (W x D x H)	460*165*652 mm (±5) 18.11*6.50*25.67 in (±5)
Weight	~110.2 lbs / ~50 kg
Operating Temperature ^[1]	Charge: -5 °C~55 °C / 23 °F ~ 131 °F Discharge: -15 °C ~ 55 °C / 5 °F ~ 131 °F
Storage Temperature ^[2]	-15 °C ~ 55 °C / 5 °F ~ 131 °F
Working Humidity	5% ~ 95% RH (non-condensing)
Altitude	≤ 2,000 m / 6,562 ft
Communication	CAN / RS485 / Wi-Fi
Cycle Life ^[3]	6,000 cycles
Heating Film in Pack	Yes
Installation Methods	Floor-standing / Wall-mounted
Warranty	10-Year
IP Rating	IP65
Certification	IEC 62619, IEC 62040, IEC 61000, UN 38.3

[1*] Recommended operating temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F

[2*] Recommended storage temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F

[3*] Working condition: 0.5C @ 25 °C, 90% DoD.

※ Information may be subject to modify without notice.

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Power Lite Plus Series

PLPA-L1-10K2



Features



UN38.3



Tier-one LFP battery cells



Automatic Parallel Configuration



Supports Charging Down to -5 °C



IP65

- Easy One-stop Installation
- Slim & minimalist Design

- Power Outage and Emergency Backup
- Advanced BMS Control

Model	PLPA-L1-10K2
Cell Type	LiFePO4
Rated Capacity	200 Ah
Rated Voltage	51.2 V
Rated Energy	10.24 kWh
Working Voltage Range	43.2 V - 58.4 V
Max. Parallel Quantity	32 sets, 327.68 kWh
Rated Charge / Discharge Current	0.6C, 120 A
Max. Discharge Continuous Current	0.6C, 120 A
Max. Charge / Discharge Power	6.14 kW / 6.14 kW
Peak Discharge Current / Power	160 A / 8.19 kW, 1 min.
Available SOC Range	0% ~ 100%
Dimensions (W x D x H)	550*165*867 mm (±5) 21.65*6.50*31.21 in (±5)
Weight	~213.9 lbs / ~94 kg
Operating Temperature ^[1]	Charge: -5 °C~55 °C / 23 °F ~ 131 °F Discharge: -15 °C ~ 55 °C / 5 °F ~ 131 °F
Storage Temperature ^[2]	-15 °C ~ 55 °C / 5 °F ~ 131 °F
Working Humidity	5% ~ 95% RH (non-condensing)
Altitude	≤ 2,000 m / 6,562 ft
Communication	CAN / RS485 / Wi-Fi
Cycle Life ^[3]	6,000 cycles
Heating Film in Pack	Yes
Installation Methods	Floor-standing / Wall-mounted
Warranty	10-Year
IP Rating	IP65
Certification	IEC 62619, IEC 62040, IEC 61000, UN 38.3

[1] Recommended operating temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F

[2] Recommended storage temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F

[3] Working condition: 0.5C @ 25 °C, 90% DoD.

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Power Lite Plus Series

PLPA-L1-10K2-U



Features



- Tier-one LFP battery cells
- Automatic Parallel Configuration
- Supports Charging Down to -5 °C
- IP65

- Easy One-stop Installation
 - Slim & minimalist Design
- Power Outage and Emergency Backup
 - Advanced BMS Control

Model	PLPA-L1-10K2-U
Cell Type	LiFePO4
Rated Capacity	200 Ah
Rated Voltage	51.2 V
Rated Energy	10.24 kWh
Working Voltage Range	44.8 V - 58.4 V
Max. Parallel Quantity	32 sets, 327.68 kWh
Rated Charge / Discharge Current	0.6C, 120 A
Max. Discharge Continuous Current	0.6C, 120 A
Max. Charge / Discharge Power	6.14 kW
Peak Discharge Current / Power	160 A / 8.19 kW, 1 min.
Available SOC Range	0% ~ 100%
Dimensions (W x D x H)	550x165x1,000 mm (±5) 21.65*6.50*39.37 in (±5)
Weight	~213.9 lbs / ~94 kg
Operating Temperature ^[1]	Charge: -5 °C~55 °C / 23 °F ~ 131 °F Discharge: -15 °C ~ 55 °C / 5 °F ~ 131 °F
Storage Temperature ^[2]	-15 °C ~ 55 °C / 5 °F ~ 131 °F
Working Humidity	5% ~ 95% RH (non-condensing)
Altitude	≤ 2,000 m / 6,562 ft
Communication	CAN / RS485 / Wi-Fi
Cycle Life ^[3]	6,000 cycles
Heating Film in Pack	Yes
Installation Methods	Floor-standing / Wall-mounted
Warranty	10-Year
IP Rating	IP65
Certification	UL 1973 / UL 9540A / FCC / UN 38.3

[1] Recommended operating temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F

[2] Recommended storage temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F

[3] Working condition: 0.5C @ 25 °C, 90% DoD.

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Power Lite Plus Series

IG-16K-U

Features

FC UL UN38.3



4 Layers of Battery Protection

- ① High-Temperature-resistant Insulation Pads;
- ② Aerogel Insulation Pads;
- ③ Built-in Fire Extinguishers;
- ④ Pressure Relief Valve;



IP65



Max 64 in parallel



Tier-one LFP battery cells



Automatic Parallel Configuration



Supports Charging Down to -20 °C

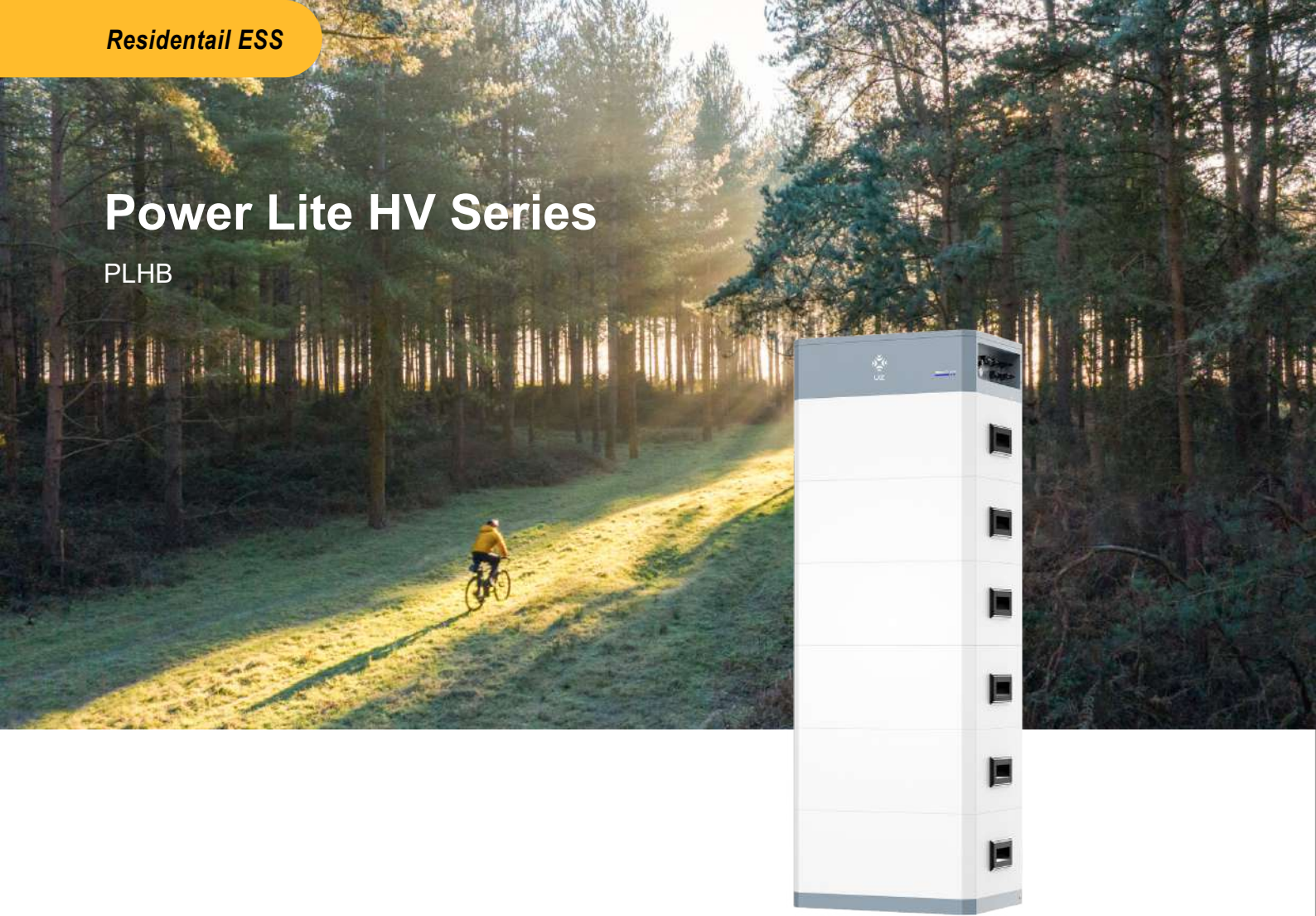
- Easy Installation
 - Slim & Modern Design
 - Advanced BMS Control
 - Parallel Capacity Up to 1028.48 kWh
- Black Out and Emergency Backup
 - Self-heating for Low Ambient Temperatures
 - Remote Monitoring with Over-the-air Updates
 - Compatible with Wide Range of Inverters

Model	IG-16K-U
Cell Type	LiFePO4
Rated Capacity	314 Ah
Rated Voltage	51.2 V
Rated Energy	16 kWh
Working Voltage Range	43.2 V - 58.4 V
Max. Parallel Quantity	Max. 64 Sets in Parallel, 1028.48 kWh
Rated / Max. Charge Current	160 A / 160 A
Rated / Max. Discharge Current	160 A / 200 A
Max. Charge / Discharge Power	8.2 kW / 10.24 kW
Peak Discharge Current / Power	250 A / 12.8 kW, 15 s
Standard Charge Method	CC at 0.5C to 57.6 V, then CV at 57.6 V until the current drops to 0.05C
Available SOC Range	0% to 100%
Transportation SOC Range	50% ± 5%
Dimensions (W x D x H)	500 × 235 × 943 mm (±5) 19.7 × 9.3 × 37.1 in (±5)
Weight	~125 kg / ~ 275.6 lbs
Operating Temperature ^[1]	Charge : -15 °C to 55 °C / 5 °F to 131 °F Discharge : -20 °C to 55 °C / -4 °F to 131 °F
Storage Temperature	-20 °C to 55 °C / -4 °F to 131 °F
Working Humidity	5% to 95% RH (non-Condensing)
Altitude	≤ 9,842 feet (≤ 3,000 m)
Communication	CAN, RS485, Dry Contact, Wi-Fi
Certifications	IEC 62619, IEC 61000, CEC, UL 9540, UL 9540A, UL 1973, UN 38.3
Designed Cycle Life ^[2]	8,000 Cycles
Warranty	10-Year
IP Rating	IP65
Cooling	Natural Cooling
Heating Power	Optional
Fire Extinguishing Device	Optional

[1*] Without Heating Function: Charge : 0 °C to 55 °C / 32 °F to 131 °F, Discharge : -20 °C to 55 °C / -4 °F to 131 °F

[2*] Recommended storage temperature: @ 0.5C, 90% DoD, 25 ± 2 °C, to 70% SOH

※ Information may be subject to modify without notice.
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Power Lite HV Series

PLHB

Features



 Easy Installation

 Self-heating for Low Ambient Temperatures

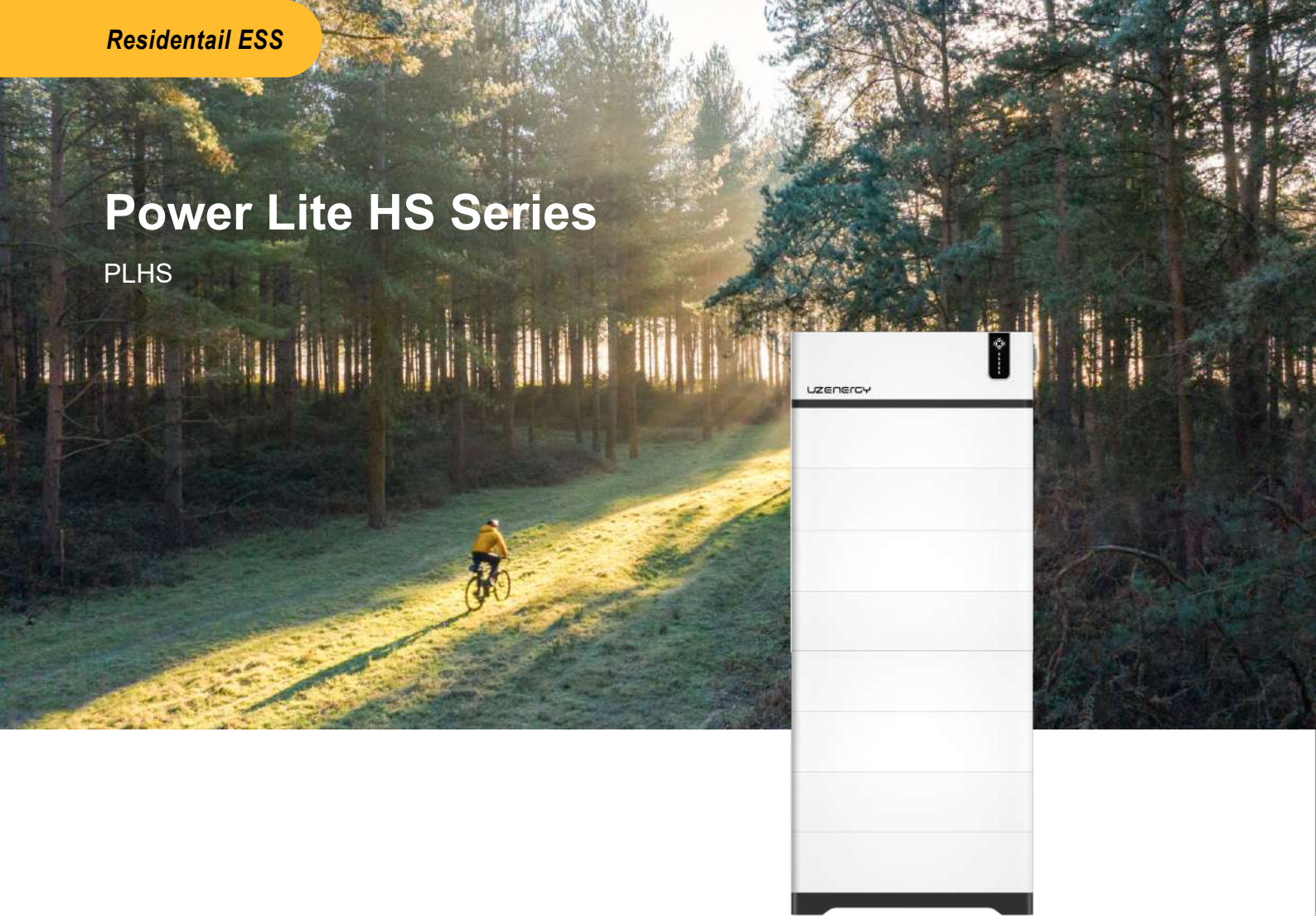
 Outdoor & Indoor Application (IP55)

 Remote Monitoring with Over-the-air Updates

- Black Start Capable
 - Automatic Parallel Configuration
 - Wide Range of Inverter Voltages, from 80 - 750 V
 - Embedded Highly Accurate SoC / SoH Algorithm
- Quick Stackable Plug-in Design
 - Equipped with Fire Extinguishing System
 - Wide Range of Compatible Popular Inverters, Various Protocols Embedded
 - Self-heating for Low Ambient Temperatures

System Parameters						
Cell Type		LiFePO4				
Model	PLHB-H1 -05K1	PLHB-H1 -10K2	PLHB-H1 -15K3	PLHB-H1 -20K4	PLHB-H1 -325K6	PLHB-H1 -30K7
Battery Module Quantity	1	2	3	4	5	6
Rated Voltage (Vdc)	102.4	204.8	307.2	409.6	512	614.4
Total energy (kWh)	5.12	10.24	15.36	20.48	25.60	30.70
Rated Capacity	50 Ah					
Max. Parallel Quantity	10 sets, 307 kWh					
Rated Current (Recommended)	30 A, 0.6C					
Max. Continuous Discharge Current	100 A, 1C					
Dimensions (W*D*H), without Feet	560*400*1,663 mm (±5) / 22.05*15.75*65.47 in (±5)					
Weight	849.2 lbs / 385.2 kg					
Operating Temperature ^[1]	Charge: -5 °C ~ 55 °C / 23 °F ~ 131 °F Discharge: -15 °C ~ 55 °C / 5 °F ~ 131 °F					
Storage Temperature ^[2]	-15 °C ~ 55 °C / 5 °F ~ 131 °F					
Altitude	< 2,000 m / 6,562 ft					
Communication	CAN / RS485 / Wi-Fi					
Cycle Life	6,000 cycles					
Warranty	10-Year					
IP Rating	IP55, in stacked state					
Certification	IEC 62619 / EN 61000 / IEC62040 / IEC62477 / VDE-2510-50 / UN 38.3 / ROHS, REACH					

^[1] Recommended operating temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F
^[2] Recommended storage temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F
✂ Information may be subject to modify without notice.
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Power Lite HS Series

PLHS

Features



- 

Easy Installation
- 

Self-heating for Low Ambient Temperatures
- 

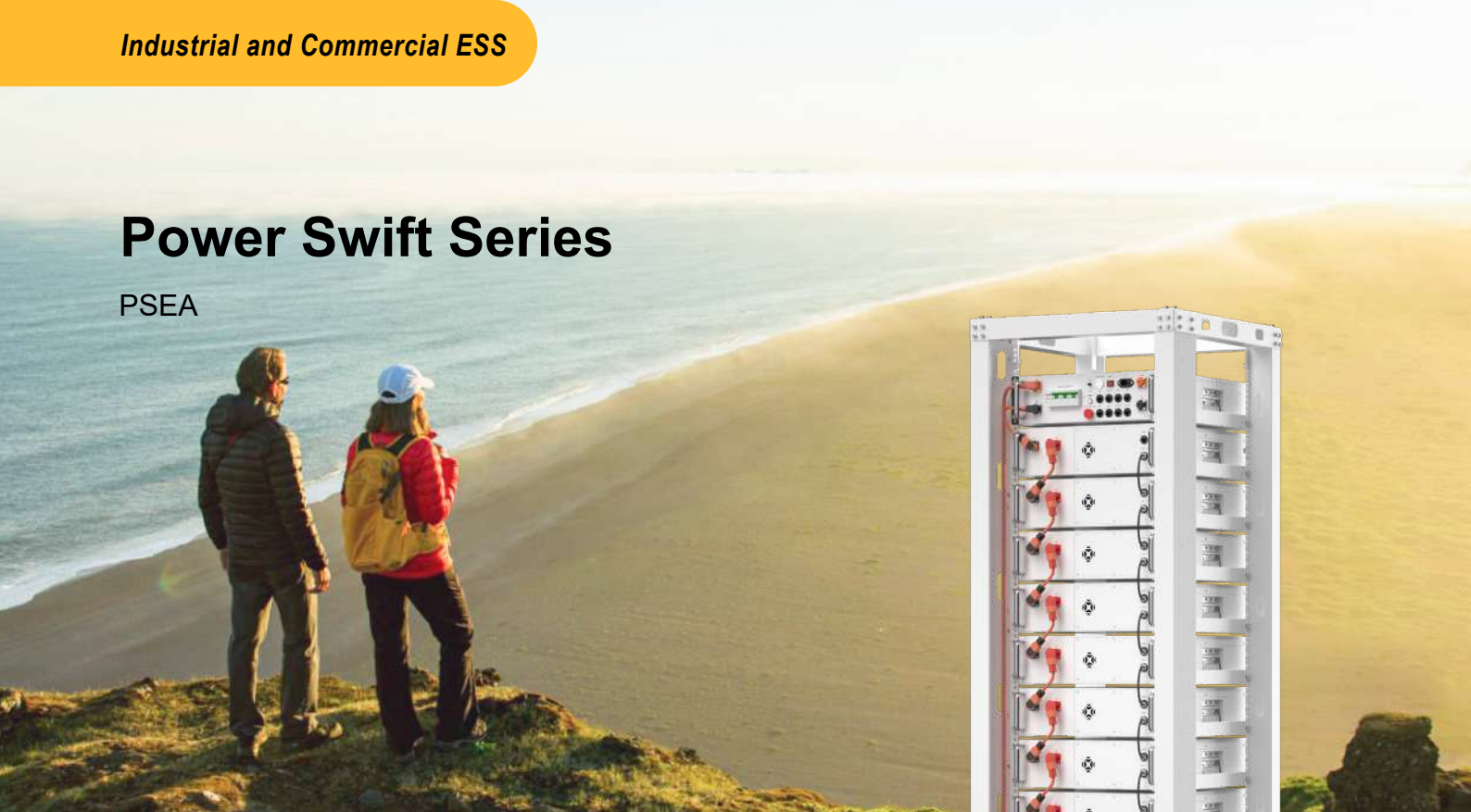
Outdoor & Indoor Application (IP55)
- 

Remote Monitoring with Over-the-air Updates

- Multiple security protections
 - Adapt to various environments
 - Wide Range of Inverter Voltages, from 80 - 750 V
 - Embedded Highly Accurate SoC / SoH Algorithm
- Quick Stackable Plug-in Design
 - Equipped with Fire Extinguishing System
 - Wide Range of Compatible Popular Inverters, Various Protocols Embedded
 - Self-heating for Low Ambient Temperatures

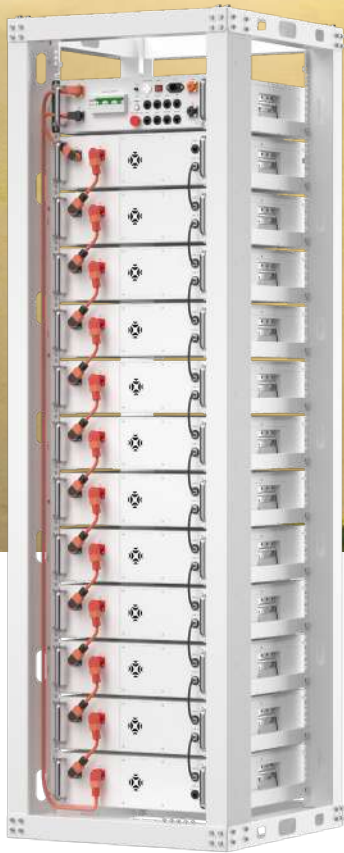
System Parameters							
Cell Type		LiFePO4, Prismatic Cell					
Model	PLHS-H1-11K	PLHS-H1-16K5	PLHS-H1-22K	PLHS-H1-27K5	PLHS-H1-33K	PLHS-H1-38K5	PLHS-H1-44K
Module Number	2	3	4	5	6	7	8
Total Energy [kWh]	11.05	16.58	22.11	27.64	33.17	38.70	44.23
Rated Voltage [V]	153.6	230.4	307.2	384.0	460.8	537.6	614.4
Voltage Range [V]	129.6V~175.2	194.4V~262.8	259.2V~350.4	324.0V~438.0	388.8V~525.6	441.6V~624.0	518.4V~700.8
Rated Capacity	72						
Max. Continuous Charge / Discharge Current (A)	60						
Rated Charge / Discharge Current	36 A (0.5C)						
Rated Charge / Discharge Power (KW)	5.5	8.3	11.1	13.8	16.6	19.4	22.1
Max. Charge / Discharge Power (KW)	9.2	13.8	18.4	23.0	27.6	32.3	36.9
Size (W*D*H) mm	675*360*643	675*360*813	675*360*983	675*360*1153	675*360*1323	675*360*1493	675*360*1663
Weight (kg)	127	176.5	226	275.5	325	374.5	424
Protection Degree	IP65						
Altitude (m)	3000						
Warranty ^[1]	10 years						
Cycle Life ^[2]	6000						
Operating Temperature (°C) ^[3]	-20~55						
Noise Emission	< 35 dB						
Humidity	5%~95%RH (non-condensing)						
Cooling	Natural Cooling						
Heating	CAN						
Communication Interface	Low temperature charging heating (option)						
Transmit Certification	UN 38.3						
Certification	ROHS						
Safety	EN 62619, EN 62477						
EMC	EN 61000-6-1/2/3/4						

[1*] 0.5 C @ 25 °C, 90% DOD, 1 cycle per day
[2*] 0.5C @ 25 °C, 90% DOD
[3*] Charging Temperature: -10 °C - 55 °C (With heating function)
Discharging Temperature: -20 °C - 55 °C
✂ Information may be subject to modify without notice.
If there is any change in product size and parameters, please refer to the latest information without prior notice.



Power Swift Series

PSEA



Features



 Tier-one LFP battery cells

 Black Out and Emergency backup

 Advanced BMS Control

 Multi-parallel Configuration among Battery Clusters

- Advanced BMS Control for Superior System Management
- Enhanced Energy Management with Active Balancing Technology
- Automatic Master-Slave Recognition for Seamless Integration
- Multi-Parallel Configuration Across Battery Clusters
- Comprehensive Communication Interface for Inverters and EMS

Battery Module



Model	H051100-A
C-rate	1C
Max. Charge / Discharge Current	100 A
Operating Temperature	-15 °C ~ 55 °C / 5 °F ~ 131 °F
Humidity	5% to 95% (non-condensing)
IP Rating	IP20
Weight	~99.2 lbs / ~45 kg
Dimensions (H x W x D)	132x440x530 mm (±5) 5.20*17.32*20.87 in (±5)

Control Box



Model	HVC-0750-100-C2A
Max. Current	100 A
Max. Voltage	750 V
Communication	CAN / RS485 / LAN
Operating Temperature	-15 °C ~ 55 °C / 5 °F ~ 131 °F
IP Rating	IP20
Weight	~48.5 lbs / ~22 kg
Dimensions (H x W x D)	132x440x530 mm (±5) 5.20*17.32*20.87 in (±5)

System Parameters

Cell Type	LiFePO4						
Model	PSEA-H1 -30K	PSEA-H1 -35K	PSEA-H1 -40K	PSEA-H1 -45K	PSEA-H1 -50K	PSEA-H1 -55K	PSEA-H1 -60K
Battery Module Quantity	6	7	8	9	10	11	12
Rated Voltage (Vdc)	307.2	358.4	409.6	460.8	512.0	563.2	614.4
Rated Capacity	100 Ah						
Max. Parallel Quantity	10 sets, 610 kWh						
Rated Current (Recommended)	50 A, 0.5C						
Max. Continuous Discharge Current	100 A, 1C						
Dimensions (W*D*H), without Feet	630*655*2,070 mm (±5) / 24.80*25.79*81.50 in (±5)						
Operating Temperature	Charge: 0 °C ~ 55 °C / 32 °F ~ 131 °F Discharge: -15 °C ~ 55 °C / 5 °F ~ 131 °F						
Storage Temperature	-15 °C ~ 55 °C / 5 °F ~ 131 °F						
Altitude	< 3,000 m / 9,843 ft						
Communication	CAN / RS485 / ETH / Dry Contact						
Cycle Life ^[1]	6,000 cycles						
Warranty	10-Year						
IP Rating	IP20						
Certification	TUV / IEC 62619 / CE-IEC 61000 / UN 38.3						

[1] Working condition: 0.5C @ 25 °C, 90% DoD.
⌘ Information may be subject to modify without notice.
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Power Mega Series

PMA-A050K-P-110K



Features

CE IEC UN38.3

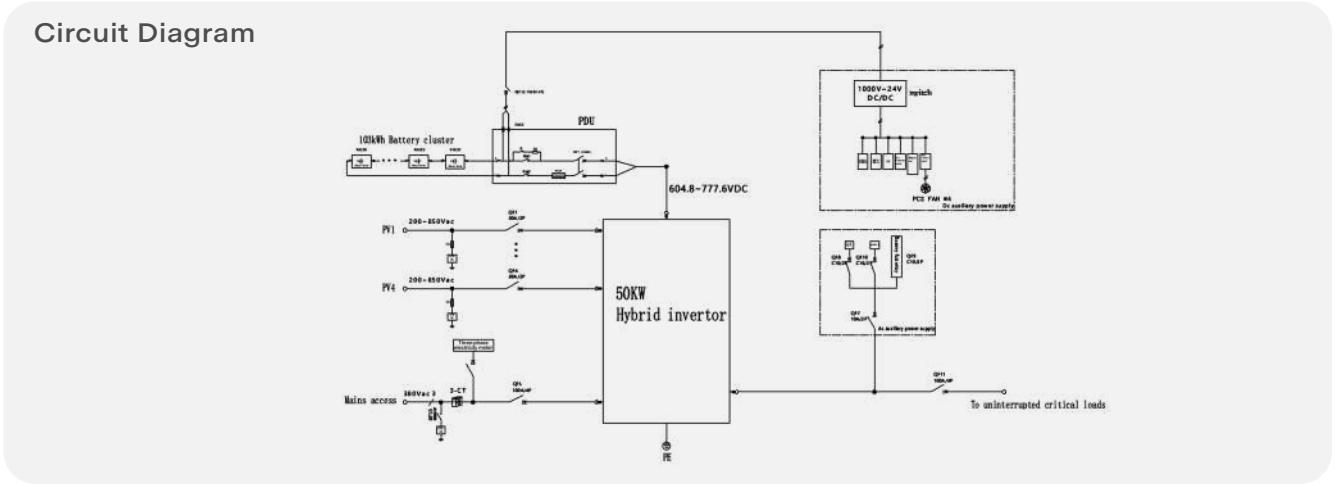
- Safe**

Intelligent early warning and precise thermal management.
- Simple**

Occupies only 1.3 m² per cabinet.
- Smart**

Remote monitoring and proactive alerts.
- Scalability**

Supports parallel expansion for a scalable power range from 50 kW to 300 kW.



Model	PMA-A050K-P-110K
PV	
Maximum Input Power	50 kW
Startup Voltage	200 V
Max. DC input voltage	850 Vdc
Rated DC input voltage	620 Vdc
MPPT voltage range	200-850 Vdc
Qty. of MPPT	4
Qty. of single-channel MPPT input channels	2
Max. input current (Each MPPT)	30 A × 4
Battery	
Max. short circuit current (Each MPPT)	40 A × 4
Nominal capacity	103 kWh
Rated voltage	691.2 Vdc
Battery voltage range	604.8 ~ 777.6 Vdc
Rated charge/discharge current	75 A
Max. charge/discharge current	90 A
AC	
Rated output power	50 kW
Rated input power	50 kW
Max. output current	75 A
Rated voltage(input&output)	3L/N/PE 400 V
Grid frequency	50 Hz/60 Hz
THDu	<3% @ rated power & linear load
System	
Weight	Net weight 1480kg, gross weight with packaging 1,570 kg
Dimensions	960 × 1650 × 2,245(W× D× Hmm)
Packing dimension	1030 × 1720 × 2,400(W× D× Hmm)
Communication mode	RS485, Ethernet, 4G
Operating temperature	-20 °C~ 50 °C(>45 °Cderating)
Storage temperature	-20 °C ~ 45 °C
Relative humidity	5 ~ 95%, no condensing
Altitude	3,000 m (>2,000 m derating)
Ingress protection	IP54
Battery certification	IEC 62619, IEC61000, UN 38.3
Inverter certification	IEC61000, IEC62477, IEC62109 , EN50549-1

✂ Information may be subject to modify without notice.
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Power Mega Series

PMA-A050K-221K



Features

CE IEC UN38.3

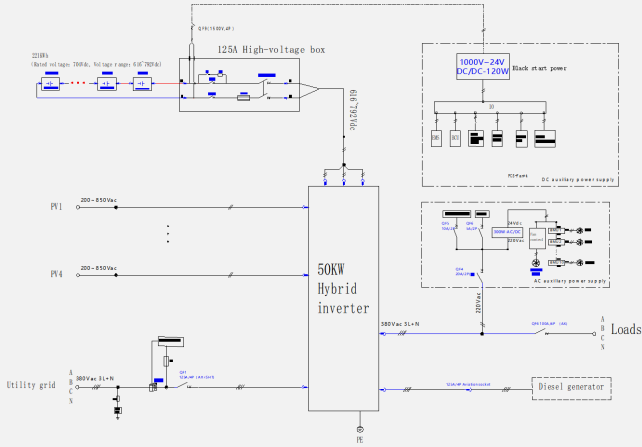
Safe
Intelligent early warning and precise thermal management.

Simple
Occupies only 2.72 m² per cabinet.

Smart
Remote monitoring.

Scalability
Supports parallel expansion for a scalable power range from 50 kW to 150 kW.

Circuit Diagram



Model	PMA-A050K-221K
PV	
Maximum Input Power	50 kW
Startup Voltage	210 V
Max. DC Input voltage	1000 Vdc
Rated DC Input voltage	620 Vdc
Operating Voltage Range	200~950 Vdc
MPPT Voltage Range	330~850 Vdc
Qty. of MPPT	4
Qty. of Single-channel MPPT Input Channels	2
Max. Input Current (Each MPPT)	40 A × 4
Max. Short Circuit Current (Each MPPT)	50 A × 4
Diesel Generator Bypass Input	
Max. Input Power	50 kW
Rated Input Voltage	3/N/PE, 220/380 V; 230/400V; 240/415 V
Rated Input Frequency	50 / 60 Hz
Max. Input Current	90 A
Battery	
Rated Energy	221 kWh
Rated Capacity	314 Ah
Rated Voltage	704 Vdc
Battery Voltage Range	616~792 Vdc
Rated Charge/Discharge Current	71 A
Max. Charge/Discharge Current	75.6 A
AC	
Max. Grid-Connected Input Apparent Power	80 kVA
Max. Grid-Connected Input Current	121 A
Max. Grid/Off-Grid Output Apparent Power	50 kVA
Rated Grid/Off-Grid Output Power	50 kW
Rated Output Current	75.8 A / 72.5 A / 69.4 A
Max. Output Current	75.8 A
Rated Output Voltage	3/N/PE, 220/380 V; 230/400 V; 240/415 V
Rated Frequency	50 / 60 Hz
THDu	<3% @ Rated Power & Linear Load
Max. Efficiency	97.8%
System	
Grid/Off-Grid Switching	STS Solution, < 20 ms
Protection Features	DC Reverse Polarity / Battery Input Reverse Connection / Insulation Resistance / Surge / Overtemperature / Residual Current / Anti-Islanding / AC Overvoltage / Overload / AC Short-Circuit
Weight	3,400 kg
Dimensions	1,600 × 1,700 × 2,591 mm
Ingress Protection	IP54
Corrosion Protection	C4
Operating Temperature Range	Charge: 0 °C~45 °C, Discharge: -20 °C~45 °C
Storage Temperature Range	-20 °C~45 °C (SOC 30%~50%, <6 months)
Relative Humidity	5~95%, Non-Condensing
Altitude	3,000 m (Derating Above 2,000 m)
Cooling Method	Intelligent Air Conditioner & Smart Fan
Communication Interfaces	RS 485, Ethernet, 4G, Dry Contact

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Power Mega Series

PMA-A125K-261K



Features

CE IEC UN38.3

- 

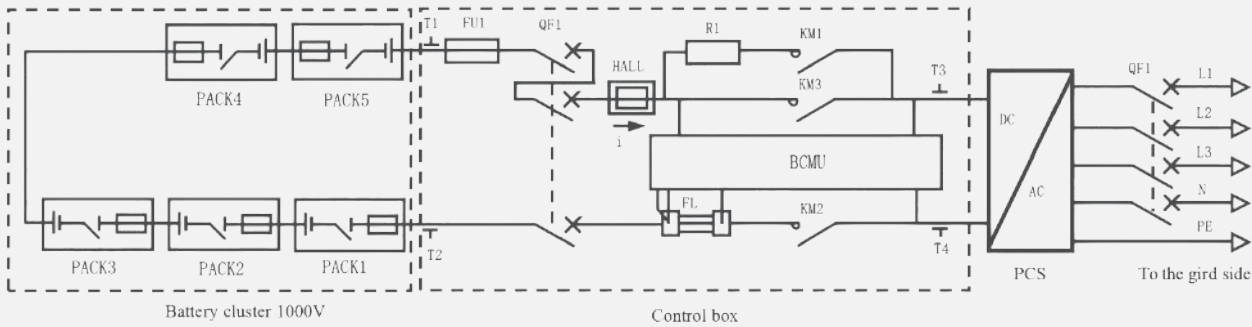
Flexible and Easily Expanded as per the Requirements
- 

Integrate all Things and Easy for Installation
- 

Supports Both On-grid and Off-grid Operations
- 

Equip with Cloud-based Monitoring Capabilities

Circuit Diagram



Model	PMA-A125K-261K
DC Parameters	
Cell Type	LFP-3.2 V-314 Ah
Battery Rated Capacity	261.248 kWh
Nominal Voltage	832 Vdc
Charging/Discharging C-rate	≤0.5CP
Cooling Method	Intelligent Liquid Cooling
AC Parameters (Grid-connected)	
Rated Power	125 kW
Grid Voltage	400 V (-10%~10%)
Rated Current	180 A
Rated Grid Frequency	50 Hz/60 Hz
Grid Frequency Range	45~55 Hz/55~65 Hz
Total Current Harmonic Distortion	<3% (at rated power)
Power Factor	>0.99 (at rated power)
Power Factor Adjustable Range	-1 (leading) ~1 (lagging)
AC Parameters (Off-grid)	
AC Off-grid Voltage	400 V (-5%~5%)
AC Off-grid Frequency	50 Hz/60 Hz
Off-grid Output Voltage Distortion	<3% (linear load)
System Parameters	
Cooling Method	Liquid Cooling+Air Cooling
Fire Protection System	Aerosol + Water-based Fire Protection (optional)
Anti-corrosion Grade	C4
Protection Level	IP54 (IP55 for battery compartment)
Operating Temperature Range	-20 °C~+45 °C
Storage Temperature	-20 °C~+35 °C (≤6 months)/ -20 °C~+45 °C (≤1 month)
Operating Humidity Range	0~95%RH
Installation Method	Outdoor Installation
Working Condition	Maximum 2 charges and 2 discharges per day
System Communication Interface	Ethernet / RS485
External System Communication Protocol	Modbus TCP / IEC104 / Modbus RTU
Altitude	Within 4,000 m
Dimensions (W×D×H)	1350×1326×180 mm
Weight	2,490±5% kg
Certification	
IEC62619, IEC60730, IEC61000, IEC62477, EN50549, VDE4105, VDE4110, VDE4120, UN38.3, UN3480	

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Power Crate Series

ESSC0100B-0315



Features

CE IEC UN38.3

Parallelable
Fleet Flexibility – Enhanced Power Output and Capacity.

Energy Pairing
Seamlessly Integrate with Renewable Energy Sources, the Grid, or Diesel.

Built-In HVAC
Designed to Withstand Temperatures from -20 °C to 60 °C.

Fire Safety
Inbuilt Alarms for Detection of Hazard or Smoke and Fire Extinction.



Customer Self Supply



Demand Charge Management



Backup power



Micro-Grid

Model	ESSC0100B-0315
uMPS 0100 C&I hybrid Inverter (AC)	
Rated Power/Active Power	100 kVA / 100 kW (Supports up to 6 inverters in on/off-grid operation)
Rated Voltage	400 V
Rated Frequency	50 Hz / 60 Hz
THDU (Off-grid)	≤1% Linear; ≤5% nonlinear
Overload Capacity	110% long-term
AC Side Wiring Method	3W+N+PE
Isolation Transformer	270/400
On-grid and Off-grid Switching	Support
PV Controller (MPPT)	
Maximum PV Input Voltage	1,000 VDC
Maximum PV Power	120 kW (Two independent MPPT)
MPPT Operating Voltage Range	250 VDC - 850 VDC
MPPT Full Load Voltage Range	450 VDC - 850 VDC
Buck-boost Mode	Support
Battery Cluster	
Cell Type	3.2 V / 280 Ah / 1C, LFP
Battery Module Configuration	51.2 V / 280 Ah / 0.5C, 1P16S, 14.336 kWh
Nominal Voltage	563.2 V, 2P176S
Nominal Energy	315.39 kWh
Maximum Continuous Charge and Discharge Rate	0.5C @ 25 °C
Cycle Times	5,000 (25 °C, Charge and discharge rate 0.5C, 90% DOD, 70% EOL)
System Parameters	
Structure Type	Container
Cabinet Size (width/depth/height)	3,371×2,100×2,475 mm (Approximately)
Weight	About 8,000 kg (Including battery)
Operating Temperature	-20 °C ~ +55 °C
Relative Humidity	0% ~ 95% No condensation
IP Rating	IP54
Anti-corrosion Grade	C4, C5 (Optional)
Altitude	3,000 m
Fire Protection System	FM-200 (chemical name: Heptafluoropropane)
Display	7-inchdisplay screen +10-inch EMS display +10-inch BMS display (optional)
EMS Communication	RS485, TCP/IP

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JJ Series

Single Phase Hybrid Inverter



Features



Excellent Performance

- Up to 150% usable PV power with 3 MPPTS
- Max battery charge / discharge current of 210 A
- Continuous 110% of nominal AC power



High Flexibility

- Support 40-64 V Lithium or Lead-acid battery
- Max. 9 units parallel for on-gird and off-gird operation
- Support smart load / generator / AC Coupling
- 3 inverters in parallel for three phase



Safety & Reliability

- IP65: Indoor or outdoor installation
- Seamless transition to backup mode, for protection against power outages
- Multiple built-in protections



Intelligent Maintenance

- 4.3“ LCD color touchscreen, easy to operate
- Intelligent Management, local & remote monitoring
- 3 application modes, mixed with battery scheduling

Model	SEL-8KSH-180TE		SEL-10KSH-210TE		SEL-12KSH-210TE	
Efficiency						
Max. Efficiency (PV to AC)			98.00%			
Max. Efficiency (BAT to AC)			94.50%			
Input (PV)						
Max. PV Usable Power	12,000 W		15,000 W		15,000 W	
Max. PV Voltage			600 V			
Start-up Voltage			90 V			
MPPT Operating Voltage Range			70 V - 540 V			
Max. Input Current per MPPT			20 A / 20 A / 20 A			
Max. Short Circuit Current per MPPT			30 A / 30 A / 30 A			
String per MPPT			1/1/1			
Nos. of MPPT			3			
Input/Output (BAT)						
Battery Type			Lithium-ion/Lead-acid			
Nominal Battery Voltage			48 V			
Battery Voltage Range			40 V - 64 V			
Max. Charge/Discharge Current	210 A / 180 A		210 A / 210 A		210 A / 210 A	
Max. Charge/Discharge Power	10,000 W / 8,000 W		10,000 W / 10,000 W		10,000 W / 10,000 W	
Output (Grid)						
Nominal AC Output Power	8,000 W		10,000 W		12,000 W	
Max. AC Output Apparent Power	8,800 VA		11,000 VA		12,000 VA	
Max. AC Output Power (PF=1)	8,800 W		11,000 W		12,000 W	
Norminal AC Output Current	34.8 A		43.5 A		52.2 A	
Nominal Grid voltage			220 V / 230 V / 240V, L+N+PE			
Grid Voltage Range			150 V- 300 V (Adjustable)			
Nominal Grid Frequency			50 Hz / 60 Hz			
Grid Frequency Range			45 Hz - 55 Hz / 55 Hz - 65 Hz (Adjustable)			
Power Factor			> 0.99 @ rated power (Adjustable 0.8 LD - 0.8 LG)			
THDI			< 3% (Rated Power)			
Output (Back Up)						
Nominal Output Power	8,000 W		10,000 W		12,000 W	
Nominal Output Current	34.8 A		43.5 A		52.2 A	
Peak Output Apparent Power (1s)	16,000 VA		20,000 VA		20,000 VA	
Nominal Output Voltage			220 V / 230 / 240 V, L+N+PE			
Nominal Output Frequency			50 Hz / 60 Hz			
Transfer Time			< 10 ms (typical)			
THDV			< 3% @ 100% R Load			
Protection						
Protection Category			Class I			
DC Switch			Yes			
Anti-islanding Protection			Yes			
AC Overcurrent Protection			Yes			
DC/AC Overvoltage Protection			DC Type II, AC Type III			
AC Short Circuit Protection			Yes			
DC Reverse Protection			Yes			
Surge Arrester			DC Type II, AC Type II			
Insulation Resistance Detection			Yes			
Leakage Current Protection			Yes			
Generator			Yes			
General						
Max. Operation Altitude			4000 m (> 2000 m derating)			
Ingress Protection Degree			IP65			
Operating Temperature Range			-25 °C - 60 °C (> 45 °C derating)			
Relative Humidity			0 % ~ 100 %			
Cooling Method			Fan Cooling			
Mounting			Wall bracket			
Dimensions (W*H*D)			420x800x240 mm			
Weight			39 Kg			
HMI & COM						
Display			4.3 Inch Touch LCD			
Communication Interface			CAN (for BMS), DRM/RS485 (for Meter), RS485, Optional: Wi-Fi/LAN			
Certification						
Safety			EN IEC 62109-1&2			
EMC			EN IEC 61000			
Warranty			5 Years / 10 Years (optional)			

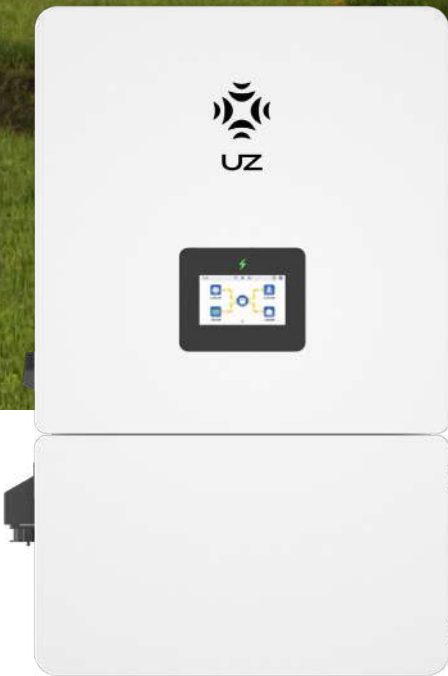
Remarks: · The range of output voltage and frequency may vary depending on different grid codes.

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IT Series

Three Phase Hybrid Inverter



Features

⚡ Excellent Performance

- 3 MPPTs with Maximum PV Input Power of 30 kW
- Supports High-Power Modules with 20A PV Input Current
- Maximum Charging and Discharging Current: 380A
- Maximum Grid Passthrough Current: 45A

⚡ Safety & Reliability

- IP65: Indoor or outdoor installation
- MC4 PV connectors, convenient for installation
- Multiple built-in protections, with optional AFCI 2.0/RSD/Battery breaker
- Seamless transition to backup mode, for protection against power outages

⚙️ High Flexibility

- Support 40-64V Lithium or Lead-acid battery
- 3-Phase unbalanced output: Increase the self-use rate of solar energy
- Support smart load/generator/AC Coupling
- Max. 9 units parallel for on-gird and off-gird operation

🧠 Intelligent Maintenance

- 4.3“ LCD color touchscreen, easy to operate
- 6 time periods for battery charging/discharging
- Intelligent Management, local & remote monitoring

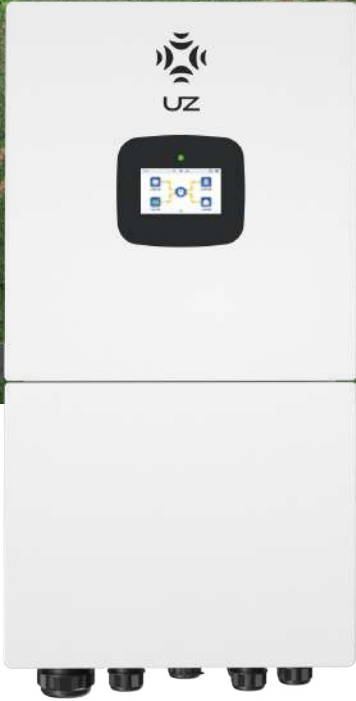
Model	SEL-6KTH-150DE	SEL-8KTH-200DE	SEL-10KTH-250TE	SEL-12KTH-300TE	SEL-15KTH-350TE	SEL-20KTH-380TE
Efficiency						
Max. Efficiency	97.60%					
Eur. Efficiency	97.00%					
Input (PV)						
Max. PV Access Power	40,000 W					
Max. PV Usable Power	20,000 W	20,000 W	30,000 W	30,000 W	30,000 W	30,000 W
Max. PV Input Voltage	1000 V					
Start-up Voltage	120 V					
MPPT Operating Voltage Range	160 V-980 V					
Max. Input Current per MPPT	20 A / 20 A	20 A / 20 A	20 A / 20 A / 20 A	20 A / 20 A / 20 A	20 A / 20 A / 20 A	20 A / 20 A / 20 A
Max. Short Circuit Current per MPPT	30 A / 30 A	30 A / 30 A	30 A / 30 A / 30 A	30 A / 30 A / 30 A	30 A / 30 A / 30 A	30 A / 30 A / 30 A
Nos. of MPPT	2	2	3	3	3	3
String per MPPT	1/1	1/1	1/1/1	1/1/1	1/1/1	1/1/1
Input/Output (BAT)						
Battery Type	Lithium-ion/Lead-acid					
No.Of Battery Input	2*					
Battery Rated Voltage	48 V					
Battery Voltage Range	40 V-60 V					
Max. Charge/Discharge Current	380 A / 150 A	380 A / 200 A	380 A / 250 A	380 A / 300 A	380 A / 350 A	380 A / 380 A
Max. Charge/Discharge Power	20,000 W / 7,200 W	20,000 W / 9,600 W	20,000 W / 12,000 W	20,000 W / 14,500 W	20,000 W / 18,000 W	20,000 W / 20,000 W
Input/Output (Grid)						
Nominal AC Output Power	6,000 W	8,000 W	10,000 W	12,000 W	15,000 W	20,000 W
Max. AC Output Apparent Power	6,600 VA	8,800 VA	11,000 VA	13,200 VA	16,500 VA	22,000 VA
Nominal AC Output Current	3*9.1A/3*8.7A/3*8.3A	3*12.1A/3*11.6A/3*11.1A	3*15.2A/3*14.5A/3*13.9A	3*18.2A/3*17.4A/3*16.7A	3*22.7A/3*21.7A/3*20.8A	3*30.3A/3*29A/3*27.8A
Max. AC Output Current	3*10 A	3*13.3 A	3*16.7 A	3*20 A	3*25 A	3*33.3 A
Max. Single Phase Power	3,200 W	4,267 W	5,333 W	6,400 W	8,000 W	8,500 W
Max. Continuous AC Passthrough (grid to load)	45 A					
Nominal Grid Voltage	220V/380V; 230V/400V, 240V/415V 3W+N+PE					
Nominal Grid Frequency	50 Hz / 60 Hz					
Power Factor	> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)					
THDi	<3% @rated power					
Output (Back up)						
Nominal AC Output Power	6,000W	8,000W	10,000W	12,000W	15,000W	20,000W
Max. AC Output Apparent Power	6,600VA	8,800VA	11,000VA	13,200VA	16,500VA	22,000VA
Nominal AC Output Current	3*9.1A/3*8.7A/3*8.3A	3*12.1A/3*11.6A/3*11.1A	3*15.2A/3*14.5A/3*13.9A	3*18.2A/3*17.4A/3*16.7A	3*22.7A/3*21.7A/3*20.8A	3*30.3A/3*29A/3*27.8A
Max. AC Output Current	3*10 A	3*13.3 A	3*16.7 A	3*20 A	3*25 A	3*33.3 A
Peak Output Apparent Power	200%, 10 s	200%, 10 s	200%, 10 s	200%, 10 s	200%, 10 s	150%, 10 s
Nominal Grid Voltage	220V/380V; 230V/400V, 240V/415V 3W+N+PE					
Nominal Grid Frequency	50 Hz/60 Hz					
Transfer Time	<10ms (Typical)					
THDV	<3% @100% R Load					
Input (Generator)						
Max. Input Power	30,000 W					
Protection						
Protection Category	Class I					
DC Switch	Yes					
Anti-islanding Protection	Yes					
AC Overcurrent Protection	Yes					
DC Reverse Protection	Yes					
Overvoltage Protection	Yes					
Surge Arrester	DC Type II, AC Type II					
Insulation Resistance Detection	Yes					
Leakage Current Protection	Yes					
Built-in Battery Breaker	400A, Optional					
AFCI 2.0/RSD	Optional					
General						
Max. Operation Altitude	4000m (>2000m derating)					
Ingress Protection Degree	IP65					
Operating Temperature Range	-25 °C~60 °C (>45 °C derating)					
Relative Humidity	0~100%					
Cooling Method	Smart Cooling					
Mounting	Wall bracket					
Dimensions (W*H*D)	460x742x266 mm					
Weight	50 Kg					
HMI & COM						
Display	LED+LCD					
Communication Interface	RS485/CAN (for BMS), RS485 (for Meter), DRMs, CAN (for parallel), 2*DO, 2*DI, USB (for Wi-Fi/LAN,Optional)					
Certification	IEC/EN 62109-1/-2					
Safety						
EMC	IEC/EN 61000-6-1/-2/-3/-4, IEC/EN 62920					
Grid	IEC 61727/62116, IEC 60068, IEC 61683, NRS 097-2-1, EN 50549-1/10					
Warranty	5 Years/10 Years (optional)					

Remarks: · The range of output voltage and frequency may vary depending on different grid codes.
· if only one set of terminals is used, the max battery charge/discharge will be limited to 200 A

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BD Series

Split Phase Hybrid Inverter



Features



Excellent Performance

- 3 MPPTS: Integrated 3 MPPTs for multiple array orientations
- Max battery charge/discharge current of 210 A
- 200 A Bypass current for whole-home back up



High Flexibility

- Support 40-64 V Lithium or Lead-acid battery
- Max. 9 units parallel for on-gird and off-gird operation
- Support smart load/generator/AC Coupling



Safety & Reliability

- IP65: Indoor or outdoor installation
- Built-in battery and Load breaker for safety and reliability
- Integrated arc fault circuit interrupter (AFCI 2.0) and rapid shutdown



Intelligent Maintenance

- Intelligent Management, local & remote monitoring
- 3 application modes, mixed with battery scheduling

Model	SEL-5KAH-130DU	SEL-6KAH-130DU	SEL-7K6AH-180TU	SEL-10KAH-210TU	SEL-11K4AH-210TU
Efficiency					
Max. Efficiency (PV to AC)	98.0%				
Max. Efficiency (BAT to AC)	94.5%				
CEC. Efficiency	96.5%				
Input (PV)					
Max. PV Input Power	7,500 W	9,000 W	12,000 W	15,000 W	15,000 W
Max. PV Voltage	600 V				
Start-up Voltage	90 V				
MPPT Operating Voltage Range	70 V - 540 V				
Max. Input Current per MPPT	30 A/22 A		30 A/22 A/22 A		
Max Short Current Per MPPT	40 A/30 A		40 A/30 A/30 A		
String Per MPPT	2/2		2/2/2		
Nos. of MPPT	2		3		
Input / Output (BAT)					
Battery Type	Lithium-ion/Lead-acid				
Nominal Battery Voltage	48 V				
Battery Voltage Range	40 V - 64 V				
Max. Charge/Discharge Current	210 A/130 A	210 A/130 A	210 A/180 A	210 A/210 A	210 A/210 A
Max. Charge/Discharge Power	10,000 W/5,000 W	10,000 W/6,000 W	10,000 W/7,600 W	10,000 W/10,000 W	10,000W/10,000W
Output (Grid)					
Nominal AC Output Power	5,000 W	6,000 W	7,600 W	10,000 W	10,000 W
Max. AC Output Apparent Power	5,500 VA	6,600 VA	7,600 VA	11,000 VA	11,400 VA
Max. AC Output Power (PF=1)	5,500 W	6,600 W	7,600 W	11,000 W	11,400 W
Nominal AC Output Current	20.9 A	25 A	31.7 A	41.7 A	41.7 A
Max. AC Output Current	22.9 A	27.5 A	34.8 A	45.8 A	47.5 A
Nominal Grid Voltage	120/240V (Split phase) , 120/208V (2/3 phase)				
Nominal Grid Frequency	50 Hz /60 Hz				
Grid Frequency Range	45 Hz - 55 Hz/55 Hz - 65 Hz (Adjustable)				
Power Factor	> 0.99 @ Rated power (Adjustable 0.8 LG – 0.8 LD)				
THDI	< 3% @ Rated Power				
Output (Back up)					
Nominal Output Power	5,000 W	6,000 W	7,600 W	10,000 W	10,000 W
Max. AC Output Power (PF=1)	5,500 W	6,600 W	7,600 W	11,000 W	11,400 W
Nominal Output Current	20.9 A	25 A	31.7A	41.7 A	41.7 A
Peak Output Apparent Power(1s)	10,000 VA	12,000 VA	15,200VA	20,000 VA	20,000 VA
Nominal Output Voltage	120/240 V (Split phase) / 120/208 V (2/3 phase)				
Nominal Output Frequency	50 Hz/60 Hz				
Transfer Time	< 10 ms (Typical)				
THDV	< 3% @ 100% R Load				
Protection					
Protection Category	Class I				
DC Switch	Yes				
Anti-islanding Protection	Yes				
AC Overcurrent Protection	Yes				
DC/AC Overvoltage Protection	DC Type II, AC Type IV				
AC Short Circuit Protection	Yes				
DC Reverse Protection	Yes				
Surge Arrester	DC Type II, AC Type II				
Insulation Resistance Detection	Yes				
Leakage Current Protection	Yes				
AFCI/RSD Monitoring	Yes				
General					
Max. Operation Altitude	2,000m				
Ingress Protection Degree	NEMA 3R				
Operating Temperature Range	-25 °C ~ 60 °C (>45 °C derating)				
Relative Humidity	0 ~ 100%				
Cooling Method	Fan Cooling				
Mounting	Wall bracket				
Dimensions (W*H*D)	16.5*31.5*9.4 inch (420*800*240 mm)				
Weight	44Kg/97lb				
HMI & COM					
Display	Wireless & APP + LED, LCD (optional)				
Communication Interface	CAN (for BMS), RS485 (for meter), RS485, CAN (for parallel), Optional: Wi-Fi/LAN				
Certification					
Safety	UL 1741 / CSA C22.2 / UL 1699B				
EMC	FCC Part 15 Class B				
Grid Code	UL1741SA, UL1741SB, UL 1741 PCS CRD, IEEE1547, HECO SRD 2.0, CSIP				
Warranty	5 Years/10 Years (Optional)				

Remarks: • The range of output voltage and frequency may vary depending on different grid codes.

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BATTERY ACCESSORIES

Wall-Mounting Kit
C300A

5 kWh



Stacking Kit
H100

20-40 kWh



Quick Installation Rack
R100A

5-25 kWh

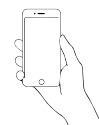
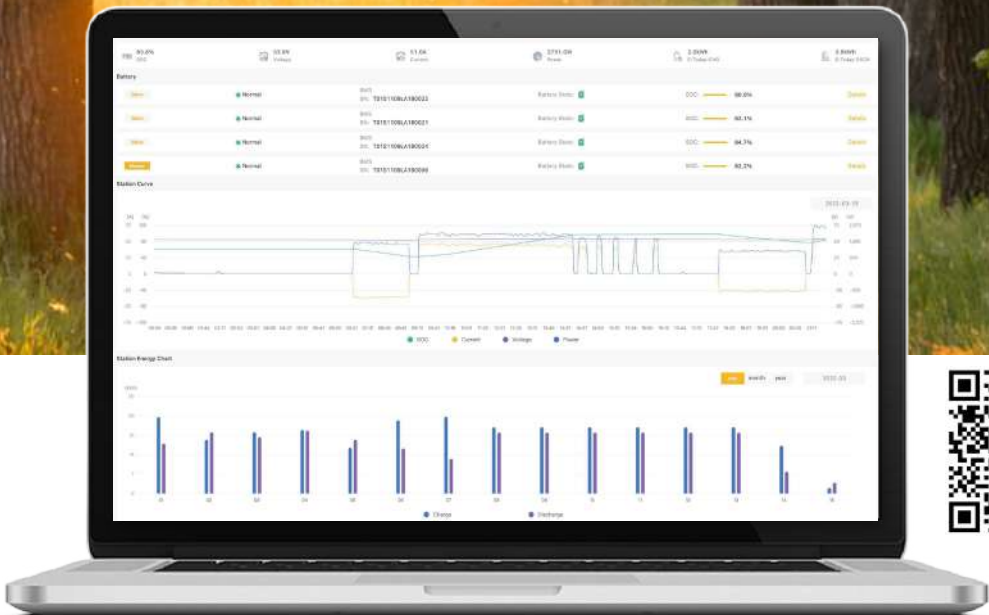


Quick Installation Rack
F13L

65 kWh



UZ PORTAL & TICKET SYSTEM



Power in Your Hand
Log into the UZ Energy Portal Today

POWER LITE Always Evolving

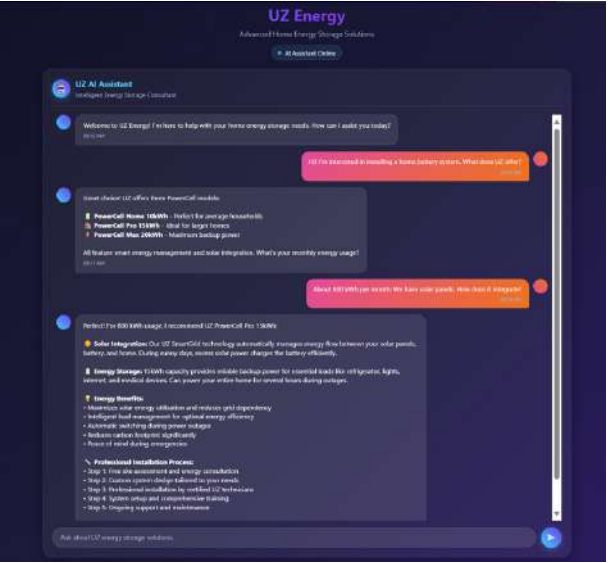
Battery Data Monitoring

Providing the technology and platform to connect energy flow information from people to people.

AI-Powered Battery Safety Detection and Customer Service

A Work Order System Brings the Following Benefits to Our Customers:

- Improve Work Efficiency
- Enhance Service Quality
- Strengthen Collaboration Capabilities
- Simplify Tracking and Management
- Enable Data Statistics and Analysis
- SES AI Customer Service



GLOBAL PARTNER

Compatibility with market leading inverter manufacturer

◆ Inverter manufacturer official-listed

◆ UZ in-house tested



New compatibilities are continually being added.

COMPANY CULTURE & BRAND STORY

About UZ Energy

UZ Energy is a global provider of premium energy storage systems.

With intelligent solutions for smart homes and enterprises, UZ Energy is dedicated to helping the world store and share sustainable energy, simply and safely.

UZ Energy specializes in premium energy storage systems. These are integrated solutions where market-leading technologies, intuitive user experiences, and strong design come together seamlessly.

Company Culture

Vision

Strive to be a global ESS leading brand, deliver excellent contribution to green energy resolution for mankind, and provide a platform of pursuing the spiritual and material well-being for all employees!

Mission

Vitalizing Smart Life, Powering Your Dream.

Core Value

Integrity Innovation Inclusion Grit

Brand Story

The solar revolution has begun, and it's happening right in your own with the newfound freedom to produce, store, and enjoy your own clean electricity. With our premium home energy storage systems, all you need to keep your everyday life running is a bit of sunshine.

Here at UZ, we believe that every everywhere in world deserves the opportunity to run on clean, sustainable energy. Premium solutions that store clean power during the day, so you can use it whenever you need it.

We all have a choice. But doing good should always be the easy decision. So forget about bulky battery boxes, complicated installations, and difficult software. Instead, say "Welcome home" to integrated solutions made with the safest, high-quality components available. We work with the best in the business to design everything that complements you and keeps you updated with useful insights into your personal solar power system.

So what are we waiting for? The sun is already up!