

Product Catalog

NEW ENERGY

OEM&ODM One-stop Solution



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About ACELLi

ONLY one year old ACELLi, but the core team has over 12 years of professional experience in Solar and Battery Manufacturing. The company integrates R&D, production and sales, and is committed to providing global users with one-stop solutions for outdoor power supply, home energy storage, industrial and commercial energy storage, mobile replenishment stations, energy storage inverters and peripheral products.

As a non-leading manufacturer and solution provider in the industry, we clearly understand Only Quality and Cost Effectiveness enables us to stand against competition. Just like our brand ACELLi, we commit always and only using Grade A CELL from reputable brands like BYD, EVE, CORNEX, REPT, etc. High-quality Cells serve as the foundation for battery performance, while an intelligent BMS acts as the guardian of battery longevity. With this belief deeply in mind, we only use PACE BMS which is the most successful and mature BMS supplier available in market.

Lightning Fast Delivery

OEM & ODM Available

Whether you want to have your logo engraved on the product or want to design it differently we can help you.

Start With Low MOQ

Be kind, be nice, be considerate & competitive.



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Portable Power Station

Sheet-metal Series



Basic Parameters



AM300

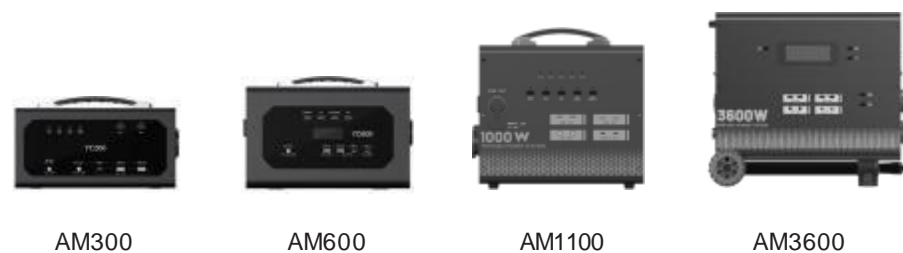
AM600

AM1100

AM3600

Power	300W	600W	1000W	3600W (Peak 7200W)
Capacity	313.6Wh	627.2Wh	1176Wh	3763.2Wh
Battery	BYD LiFePO4 capacity	BYD LiFePO4 capacity	BYD LiFePO4 capacity	BYD LiFePO4 4000 CA Lies to 70% capacity
AC Output	2 outlets,	2 outlets,	2 outlets,	3 outlets, 3600W Max
Other Output Ports	TYPE-C × 1 DC5521 × 1	USB-C × 2 Cigarette Lighter × 1	TYPE-C × 2 USB-A × 2 DC5521 × 2	TYPE-C × 2 USB-C × 4 Cigarette Lighter × 1 DC5521 × 1 DC5525 × 1
Input	DC5521:90W Max	AC: 450W Max	AC: 800W Max	AC: 1500W Max MPPT:1200W Max
Light	/	3W	3W	3W
Feature	Compact and AC Corrective Wave	Compact and AC bi-directional fast	AC bi-directional fast 3 charging methods ,	800W Grid Connection Power, Three-phase power , Expandable capacity
Operating	-15. C ~45. C	-15. C ~45. C	-15. C ~45. C	-15. C ~45. C
Dimensions	Product: 275×135×154 m m 305×182×206 m m	Product: 325×215×185 m m 360×230×265 m m	Product: 329×237×308 m m 367×282×327 m m	Product: 481×360×421 m m Crate: 532×411×568 m m
Weight	N.W: 3.95 kg	N.W: 6.3 kg	N.W: 14.2 kg	N.W: 39.7 kg G.W: 49 kg

Basic Parameters



	AM300	AM600	AM1100	AM3600
Light (4W)	≈ 36.4hrs	≈ 72.8hrs	≈ 102.4hrs	≈ 245.7hrs
iPhone (20W) Type-c	≈ 14.2hrs	≈ 28.4hrs	≈ 53.4hrs	≈ 170.9hrs
Camera (28W)	≈ 10.5hrs	≈ 21.1hrs	≈ 39.6hrs	≈ 126.8hrs
Drone (40W)	≈ 7.2hrs	≈ 14.5hrs	≈ 25.6hrs	≈ 75.6hrs
Laptop (56W)	≈ 5.5hrs	≈ 11.1hrs	≈ 20.8hrs	≈ 66.6hrs
Refrigerator (65W)	≈ 4.8hrs	≈ 9.6hrs	≈ 18.0hrs	≈ 57.8hrs
Ventilator (80W)	≈ 3.8hrs	≈ 7.7hrs	≈ 13.9hrs	≈ 42.7hrs
Rice Cooker (100w)	≈ 3.1hrs	≈ 6.2hrs	≈ 11.3hrs	≈ 35.1hrs
Juice Extractor (250W)	≈ 1.2hrs	≈ 2.5hrs	≈ 4.7hrs	≈ 15.0hrs



Lightweight Design

Small size, easy carry and go.

BYD LiFePO4 Battery

4000 cAMles, more than 10years of durability, high temperature resistance and Safety.



Flexible Charging

AC/USB-A/USB-C/DC 4 different output ports, can power multiple devices at the same time. Basic to meet the needs of small power appliances.

3 Years Warranty
+
2 Years Extended Warranty



Portable Power Station

AM1100

It maintains the continuity of power supply and ensures that they enjoy convenience and comfort in their lives.



Portable Power Station

AM3600

No more being tied down by weight, electricity is free and easy to use.



Portable Power Station

Plastic Series



Basic Parameters



AM300S AM300S AM1200 AM2400

Power	300W (Peak 600W)	600W (Peak 1200W)	1200W (Peak 2400W)	2400W (Peak 4800W)
Capacity	327.68Wh	655.36Wh	1310.72Wh	2352Wh
Battery	BYD LiFePO4 4000 CAMles to 70% capacity	BYD LiFePO4 4000 CAMles to 70% capacity	BYD LiFePO4 4000 CAMles to 70% capacity	BYD LiFePO4 4000 CAMles to 70% capacity
AC Output	1outlet , 300W Max	1outlet , 600W Max	2 outlets , 1200W Max	4 outlets , 2400W Max
Other Output Ports	TYPE-C × 2 USB-C × 2 USB-A × 2 DC5521 × 1	TYPE-C × 2 USB-C × 2 Cigarette Lighter × 1 DC5521 × 2	TYPE-C × 2 USB-C × 2 Cigarette Lighter × 1 DC5521 × 1 DC5525 × 1 Wireless Charging × 1	TYPE-C × 2 USB-C × 4 Cigarette Lighter × 1 DC5521 × 1 DC5525 × 1
Input	DC5521:60W Max Type-C: 100W Max MPPT: 100Max	AC: 500W Max MPPT:150W Max	AC: 900W Max MPPT:150W Max	AC: 1500W Max MPPT:1500W Max
Light	3W	3W	3W	3W
Feature	PD100W bi-directional charging , PD+DC maximum charging 200W	AC bi-directional fast charging , Type-c 100W, Dual lighting	15W Wireless Charging , Bluetooth , FM, Microphone	800W Grid Connection Power, Three-phase power , Expandable capacity
Operating Temperature	-15. C ~45. C	-15. C ~45. C	-15. C ~45. C	-15. C ~45. C
Dimensions	Product: 256×135×153 mm Packing box: 310×186×255 mm	Product: 297×256×182 mm Packing box: 344×234×316 mm	Product: 350×250×254 mm Packing box: 442×338×345 mm	Product: 514×258×376 mm Packing box: 630×352×536 mm
Weight	N.W: 3.95 kg G.W: 5.05 kg	N.W: 7.75 kg G.W: 9.25 kg	N.W: 12.7 kg G.W: 14.58 kg	N.W: 26.5 kg G.W: 29.85 kg

Usage Time



AM300S AM600S AM1200 AM2400

Light (4W)	≈ 36.4hrs	≈ 72.8hrs	≈ 109.2hrs	≈ 163.8hrs
iPhone (20W) Type-c	≈ 14.2hrs	≈ 28.4hrs	≈ 56.9hrs	≈ 113.9hrs
Camera (28W)	≈ 10.5hrs	≈ 21.1hrs	≈ 42.2hrs	≈ 84.5hrs
Drone (40W)	≈ 7.2hrs	≈ 14.5hrs	≈ 27.3hrs	≈ 50.4hrs
Laptop (56W)	≈ 5.5hrs	≈ 11.1hrs	≈ 22.2hrs	≈ 44.4hrs
Refrigerator (65W)	≈ 4.8hrs	≈ 9.6hrs	≈ 19.2hrs	≈ 38.5hrs
Ventilator (80W)	≈ 3.8hrs	≈ 7.7hrs	≈ 14.8hrs	≈ 28.4hrs
Rice Cooker (100w)	≈ 3.1hrs	≈ 6.2hrs	≈ 12.1hrs	≈ 23.4hrs
Juice Extractor (250W)	≈ 1.2hrs	≈ 2.5hrs	≈ 5.0hrs	≈ 10.0hrs

Portable Power Station AM300S

The AM300S keeps your site powered up even when you're on an outdoor camping adventure.



Portable Power Station AM600S

AM600S LiFePO4 battery technology delivers remarkable capacity and lightweight portability for RV living and tiny houses.



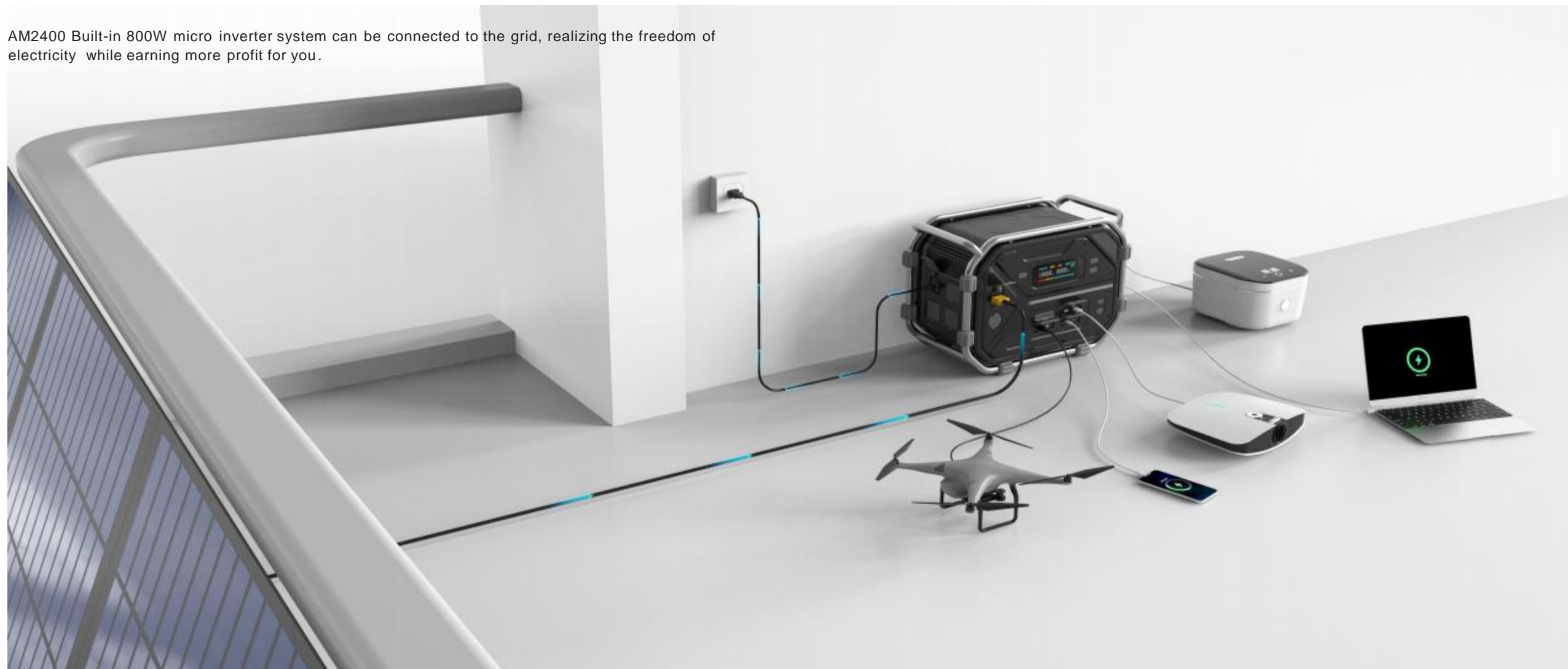
Portable Power Station AM1200

AM1200 is compact, powerful, and packed with all the features you need to meet your demands!



Portable Power Station AM2400

AM2400 Built-in 800W micro inverter system can be connected to the grid, realizing the freedom of electricity while earning more profit for you.



How To Get 3 Phase Power At Home

Three AM2400s or three AM3600 in parallel to form a 3-phase power supply (supports up to 6 parallel machines)



6PCS Expansion



From
2621Wh to 15726Wh
Capacity



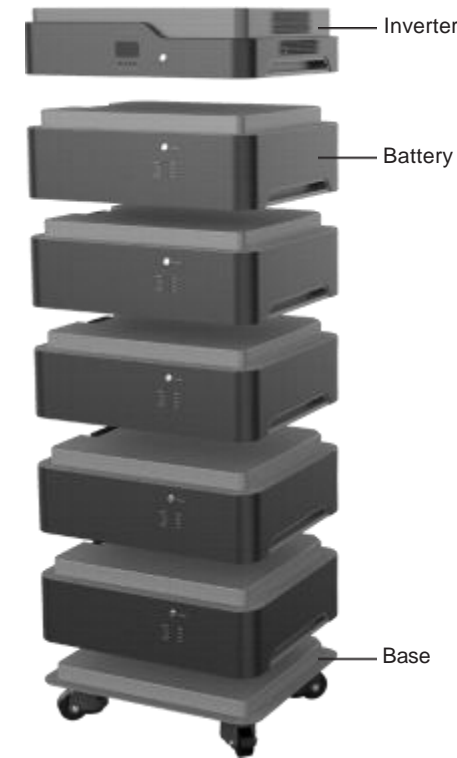
From
2400W to 14400W
Power



Stackable All In ONE EnergyStorage



AI-NB-5 .22kWh&5kW



Battery

Battery Capacity	5.22kWh
Rated Voltage	51.2V
Battery	BYD LiFePO4, 25. C, ≥6000cAMles@70%EOL
Charge/ Discharge Current	100A
Dimensions	600×430×150 m m
Weight	46.9 kg

Inverter

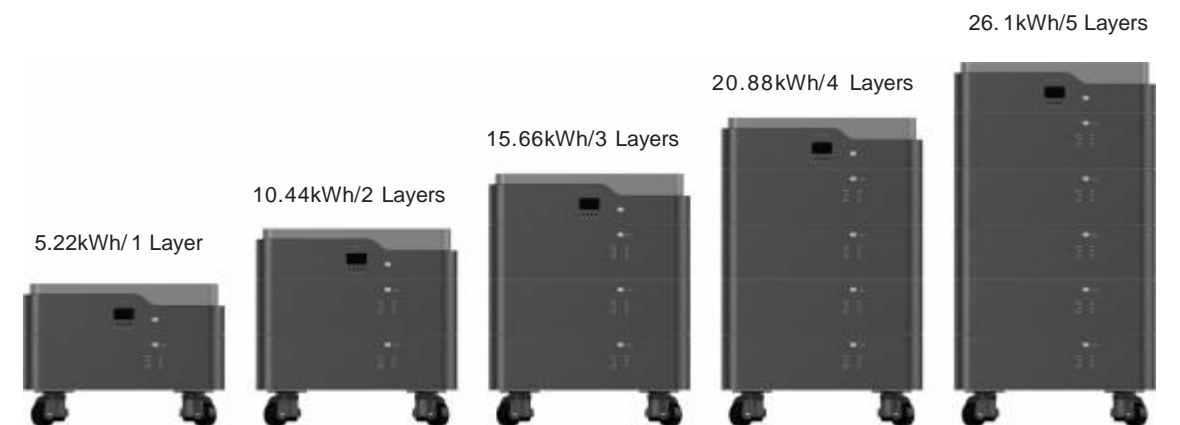
Rated AC Output Power	5kW
AC Output Voltage	110V/ 220V (Optional)
AC Output Frequency	60Hz/ 50Hz (Optional)
AC Rated Input Voltage	110V/ 220V (Optional)
AC Input Power	3000W
Grid Type	Off-grid/ On-grid
Display	LCD
Communication	USB, RS485
Operating Temperature	-10. C ~ 60. C
Dimensions	600×430×204 m m
Weight	16.4 kg

Base

Dimensions	600×430×152 m m
Weight	9.3 kg

Free Expansion

Flexible capacity configuration, 5.22kWh-26.1kWh optional capacity. The capacity is scaled up to meet the needs of families also at any time.



All-in-one Home EnergyStorage



AA-AB-5 .22kWh&5kW



Battery

Battery Capacity	5.22kWh
Rated Voltage	51.2V
Battery	BYD LiFePO4, 25. C, ≥6000cAMles@70%EOL
Charge/ Discharge Current	100A

Inverter

Rated AC Output Power	5kW
AC Output Voltage	230V/ 220V (Optional)
AC Output Frequency	60Hz/ 50Hz (Optional)
AC Rated Input Voltage	230V/ 220V (Optional)
AC Input Power	4000W
Grid Type	Off-grid
Display	LCD
Communication	USB, RS485
Operating Temperature	-10. C ~ 60. C

Whole

Dimensions	600×430×426 m m
Weight	57.3 kg

Inverter

Off-grid Inverter

Hybrid Inverter



Off-grid Inverter



AI-12-1200 AI-244-2900 AI-24-3600

Rated Output Power	1.2KVA/1.2kW	2.9KVA/2.9kW	2.9KVA/3.6kW
Nominal DC Input Voltage	12Vdc	24Vdc	24Vdc
Input Voltage Waveform	Sinusoidal (utility or generator)		
Input Nominal Voltage	230Vac		
Input Nominal Frequency	50/60HZ		
Efficiency (Line Mode)	>95% (Rated Rload, battery full charged)		
Product Lifespan	5+ years		
Pass Through Without Battery	Yes		
Input Voltage Range	Normal mode 90-280Vac, UPS mode 170-280Vac		
Max. Charge Current	60A	60A	80A
Over Charge Protection	Yes		
PV Voltage Working Range	15-125Vdc	40-500V dc	40-500V dc
MPPT Operating Range	20-100Vdc	40-450Vdc	40-450V dc
Max. Input Power	12kW	2.9kW	3.6kW
Max. Solar Charging Current	60A	100A	100A
Max. input Current	14A	14A	18A
Min. Startup Voltage	11.5Vdc	21Vdc	21Vdc
Nominal Output Voltage	220Vac±5%		
Nominal Output Frequency	50+0.3Hz/60Hz+0.3Hz(Adjustable)		
Parallel Capability	NO		
Peak Efficiency	> 93%		
Over-Load Protection	5.5s@>150%oad; 10.5s@105%~150%load		
Operating Temperature	-10. C ~ 60. C		
Dimensions	350.8×250×102.8 m m	448×300×103 m m	448×300×103 m m
Weight	3.8 kg	7 kg	7 kg



AI-48-5500 AI-48-10000

Rated Output Power	5.5KVA/5.5kW	5.5KVA/10kW
Nominal DC Input Voltage	48Vdc	48Vdc
Input Voltage Waveform	Sinusoidal (utility or generator)	
Input Nominal Voltage	230Vac	
Input Nominal Frequency	50/60HZ	
Efficiency (Line Mode)	>95% (Rated Rload, battery full charged)	
Product Lifespan	5+ years	
Pass Through Without Battery	Yes	
Input Voltage Range	Normal mode 90-280Vac, UPS mode 170-280Vac	
Max. Charge Current	80A	150A
Over Charge Protection	Yes	
PV Voltage Working Range	120-500Vdc	
MPPT Operating Range	120-450Vdc	
Max. Input Power	6.0kw	12.0kW
Max. Solar Charging Current	100A	80A
Max. Input Current	18A	16A×2
Min. Startup Voltage	46Vdc	
Nominal Output Voltage	220Vac+5%	
Nominal Output Frequency	50+0.3Hz/60Hz+0.3Hz(Adjustable)	
Parallel Capability	Yes, up to 9 units	NO
Peak Efficiency	>93%	
Over-Load Protection	5.5s@>150%load; 10.5s@105%~150%load	
Operating Temperature	-10. C ~ 60. C	
Dimensions	480×305×118 m m	521.8×392×140 m m
Weight	9.25 kg	16.35 kg

Hybrid Inverter



AI-HY5600 AI-HY10000 AI-HY12000

Rated Output Power	5.6kVA/5.6kW	10kVA/10kW	12kVA/12kW
Battery Voltage Range	40-60Vdc	40-62Vdc	40-62Vdc
Max. Charging And Discharging Powe	5.6kW	10kW	12kW
Battery Type	Li/ Lead-acid	Li/ Lead-acid	Li/ Lead-acid
Product Lifespan	5+ years		
Max. Recommended PV Power	6kW	14.5kW	16kW
Max. PV Voltage	500Vdc	1000Vdc	
Start-UP Voltage	120Vdc	320/350V dc	
PV Voltage Range	120-450Vdc	320V-1000Vdc	
MPPT Voltage Range	120-450Vdc	350V-850V dc	
Max. Input Current	22A	2/A:26A,B:13A	2/A:26A,B:26A
Input Voltage Range	220/230Vac	170Vac~290Vac Per phase	
Rated Grid Frequency	50/60Hz		
Max. Charging Current	60A	220A	250A
Max. Output Current	22A	14.5A per phase	17.4Aper phase
Rated AC Output Voltage	230Vac	230Vac(P-N)/ 400Vac(P-P)	230Vac(P-N)/ 400Vac(P-P)
Rated AC Output Frequency	50Hz+0.3Hz/60Hz+0.3Hz		
Max. Energy Efficiency	93%		
MPPT Efficiency	97%		
Protection Degree	IP20		
Communication	485	RS485, CAN	RS485, CAN
Operating Temperature	-10, C ~ 60, C		
Dimensions	480×305×118 m m	521.8×392×140 m m	552.1×410×150 m m
Weight	10.1 kg	17.1kg	21 25 kg

Efficient and Energy-Saving

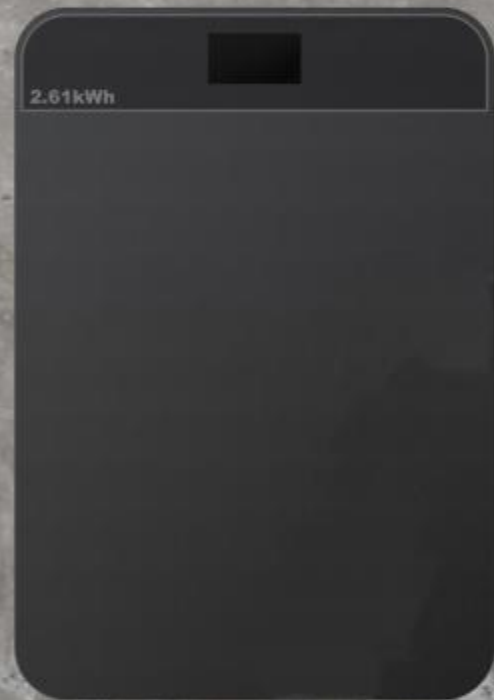
ACELLIsolar inverters are designed for a wide range of solar applications, it adopts high-frequency PWM technology and an intelligent chip with overload, short circuit protection, and temperature control functions. It supports pure sine wave output and is compatible with all kinds of precision electrical appliances. It is also equipped with LCD display for real-time adjustment of parameters.



Solar Battery Pack

Home Backup Battery 24V

Home Backup Battery 48V



Basic Parameters



ACELLi-LFP24-100-A03



ACELLi-LFP24-200-A05

Rated Capacity	2.61kWh	5.22kWh
Battery	BYD LiFePO4, 25. C, ≥6000 cAMles @70%EOL	
Single Cell Capacity	102Ah	204Ah
Rated Operating Voltage	25.6V	
Maximum Output Current	120A	155A
Standard Input Current	50A (Max 105A)	100A (Max 155A)
Communication Mode	RS485, CAN	
Dimensions (LxWxH)	368×200×530 m m	425×200×600 m m
Weight	26 kg	46 kg



ACELLi-LFP24-280-A07



ACELLi-LFP24-314-A08

Rated Capacity	7.68kWh	8.03kWh
Battery	REPT/ CORNEX LiFePO4, 25. C, ≥4000 cAMles @70%EOL	
Single Cell Capacity	300Ah	314Ah
Rated Operating Voltage	25.6V	
Maximum Output Current	210A	210A
Standard Input Current	150A (Max 210A)	150A (Max 210A)
Communication Mode	RS485, CAN	
Dimensions (LxWxH)	398×241×600 m m	398×241×600 m m
Weight	69 kg	69 kg



- Support 6 pcs in parallel
- BMS Built-in BMS protection
- 5 years warranty
- High quality LiFePO4 battery
- Can be wall or floor mounted
- ≥6000 times



ACELLI-LFP48-300-A15



ACELLI-LFP48-314-A16

Rated Capacity	15.36kWh	16.07kWh
Battery	REPT / CORNEX LiFePO4, 25. C, ≥6000 cAMles @70%EOL	
Single Cell Capacity	300Ah	314Ah
Rated Operating Voltage	51.2V	
Maximum Output Current	210A	
Standard Input Current	150A	157A
Communication Mode		
Dimensions (LxWxH)	450×250×825 m m	450×250×897 m m
Weight	132 kg	132 kg

Basic Parameters



ACELLI-LFP48-100-A05



ACELLI-LFP48-200-A10

Rated Capacity	5.22kWh	10.44kWh
Battery	BYD LiFePO4, 25. C, ≥6000 cAMles @70%EOL	
Single Cell Capacity	102Ah	204Ah
Rated Operating Voltage	51.2V	
Maximum Output Current	120A	210A
Standard Input Current	50A (Max 105A)	100A (Max 210A)
Communication Mode	RS485, CAN	
Dimensions (LxWxH)	425×200×600 m m	515×200×850 m m
Weight	43.9 kg	89.34 kg



ACELLI-LFP48-350-A18

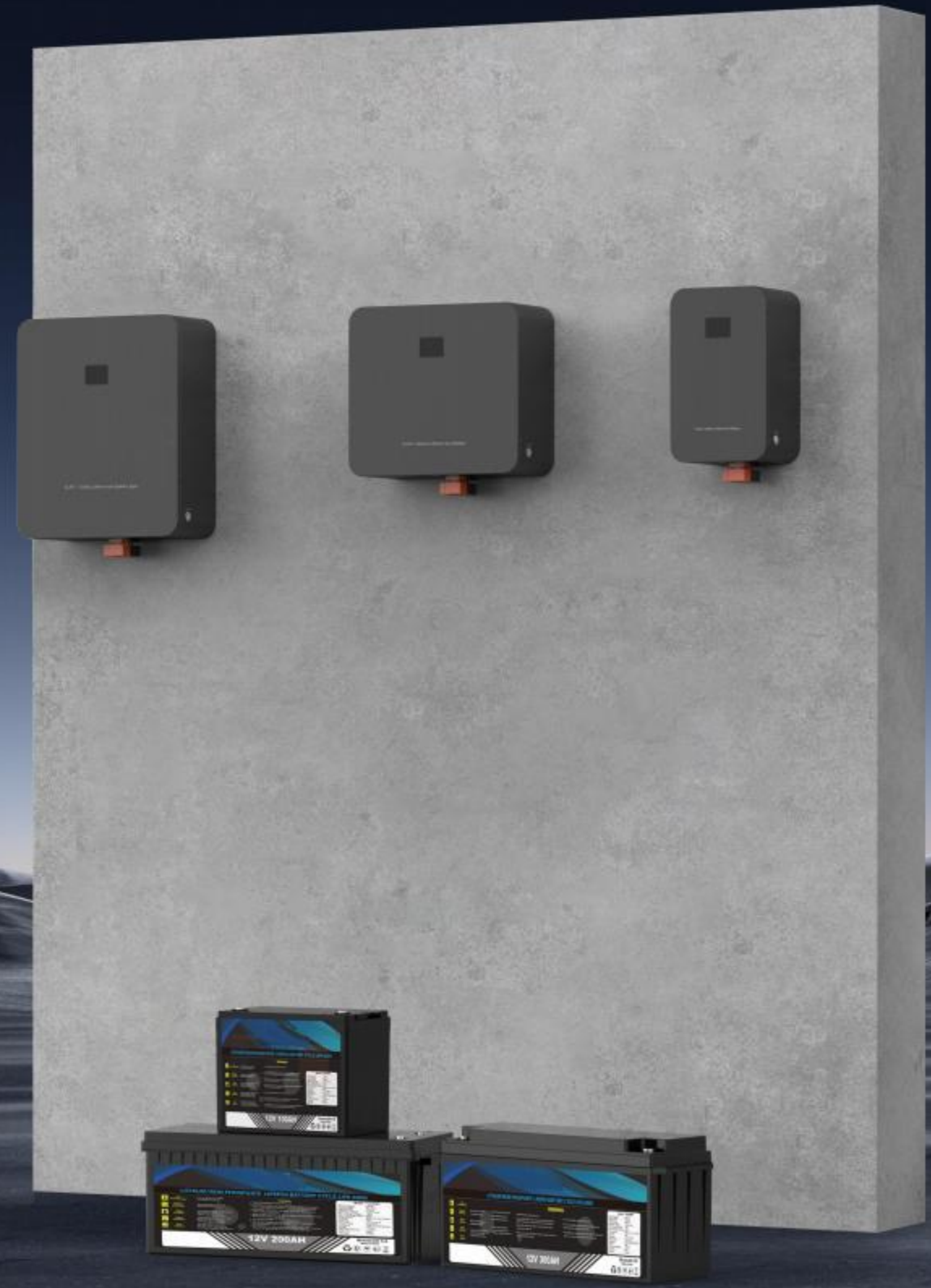


ACELLI-LFP48-560-A28

Rated Capacity	17.92kWh	28.67kWh
Battery	BYD LiFePO4, 25. C, ≥6000 cAMles @70%EOL	REPTLiFePO4, 25. C, ≥6000 cAMles @70%EOL
Single Cell Capacity	350Ah	560Ah
Rated Operating Voltage	51.2V	
Maximum Output Current	210A	
Standard Input Current	160A (Max 210A)	200A (Max 210A)
Communication Mode	RS485, CAN	
Dimensions (LxWxH)	521×430×895 m m	520×450×1045 m m
Weight	138 kg	220 kg

Lead to Lithium Battery

Plastic Series
Wall-mounted Series



Basic Parameters



ALB-12V102Ah ALB-12V204Ah ALB-12V306Ah

Rated Capacity	1.30kWh	2.61kWh	3.91kWh
Battery	BYD LiFePO4, 25. C, ≥6000 cAMles @70%EOL		
Nominal Capacity	102Ah	204Ah	306Ah
Nominal Voltage	12.8V		
Communication Mode	Bluetooth		
Operating Temperature	-10. C ~ 60. C		
Dimensions	255×165×210 m m	480×165×240 m m	510×200×210 m m
Weight	9.94 kg	19.49 kg	29.25 kg

Plastic Series

ACELLi lithium batteries have high energy output with multiple capacity options, providing plenty of power for your camping life.



Basic Parameters



ALB-LFP12-100WMD ALB-LFP12-200WMD ALB-LFP12-300WMD

Rated Capacity	1.30kWh	2.61kWh	3.91kWh
Battery	BYD LiFePO4, 25. C, ≥6000 cAMles @70%EOL		
Nominal Capacity	102Ah	204Ah	306Ah
Nominal Voltage	12.8V		
Screen Type	HFD Screen		
Communication Mode	Bluetooth, RS485		
Operating Temperature	-10. C ~ 60. C		
Dimensions	315×190×155 m m	315×350×155 m m	420×350×155 m m
Weight	11.3kg	21.65 kg	31.25 kg

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