



NO ENERGY
WASTE



Yichun Dawnice Manufacture and Trade Co., Ltd.
Focus On High Quality Residential & Commercial ESS



Dawnice energy       
Yichun Dawnice Manufacture and Trade Co., Ltd.
 info@dawnice.com  https://www.energydawnice.com

Address: Building 1, Xiongxing Technology Industrial Park,
No. 111 Yishang Avenue, Yichun Economic Development Zone,
Yuanzhou District, Yichun City, Jiangxi Province, China



TO BE THE WORLD WIDEST ENERGY STORAGE SERVICE PROVIDER

COMPANY PROFILE

Yichun Dawnice Manufacture and Trade Co., Ltd., founded in 2021, is a leading global provider of energy storage solutions. Headquartered in Yichun, Jiangxi, the "Lithium Capital of Asia", the company leverages the comprehensive local industrial chain and upstream resource synergy advantages to bring together an R&D and manufacturing team with 15 years of experience in the lithium battery field. The team has built an energy storage product system covering C&I, residential and diversified scenarios, providing customers with comprehensive energy storage solutions.

Amid the global energy transition, Dawnice has established more than 30 local service centers across over 150 countries and regions, serving more than 300,000 families with highly reliable and high-performance energy storage products and end-to-end services. Guided by our mission to "NO ENERGY WASTE", we are committed to advancing the large-scale adoption of clean energy.

Main Business

Focus On High Quality Residential & Commercial ESS

Mission



To Strive Forward No Energy Waste

Vision



To be the World Widest Energy Storage Service Provider

Value



Action, Innovation, To be the Best, Win-win

Slogan



Trusty, Efficiency, Responsibility and Reliability

15+

Years of Lithium
Talent Experience

30+

Global Local
Service Centers

3GWh

Annual
Capacity

20000+

m² Battery
Production Plant





3GWH ANNUAL CAPACITY

New production line launched to ensure efficient global order fulfillment.

12-14 PPM

Four-times increase in productivity.
The output rate ramped up from 3-4 PPM to 12-14 PPM.



- 
≥8000 Cycles Life
- 
15 Years Design Life
- 
High Security
- 
Free Eco-recycling
- 
Free replacement
- 
One-station Style
- 
High Efficiency
- 
Super Intelligence



Robotics Technology

24/7 smart production.



Flexible Customization

Flexible production lines to meet different order requirements



INTELLIGENT MANUFACTURING

High-Degree Automation Matrix

The modular lines are operated by 4 robots, handling core processes.
Smart positioning technology throughout ensures consistent, high-standard operations.

Monitors the entire production process in real time

Automatically activates for any abnormalities or product deviations.
Provides 100% full-range quality inspection and testing coverage.

95%
Full-auto

100%
Quality Inspection

DAWNICE BUSINESS MAP



150+

Countries Covered





30+

Global Local Service Centers





3000000+

Served Families





Global Local Service Centers

 USA	 Uzbekistan	 Portugal	 Mali	 Puerto Rico	 Estonia	 Australia	 Netherlands	 Ireland	 France
 Iraq	 Kenya	 Lithuania	 Switzerland	 Zambia	 Jamaica	 Cuba	 Jordan	 Thailand	 Saudi Arabia
 Côte d'Ivoire	 Peru	 Ukraine	 Austria	 Slovakia	 Afghanistan	 Yemen	 Nigeria	 Eswatini	 Czech

Our Partner



RESIDENTIAL ESS

PowerFly 6.0 Series

Wall-mounted / Ground-mounted

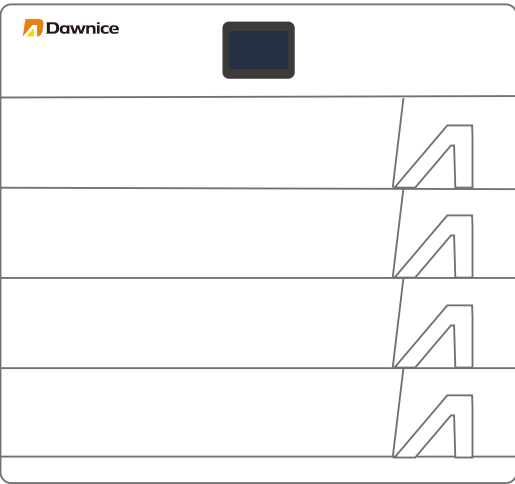
Mobile Control / IP54 / Optional Installation



HV Stackable Series

Six Ultra BS06-S

Mobile Control / Higher Density





Energy storage battery PowerFly 6.0

Wall-mounted / Ground-mounted

5kWh/10kWh
16kWh/20kWh

Features

- ☁️

Mobile Control

 - Remote fault diagnosis, upgrade and maintenance
 - OCV intelligent algorithm calibration ensures SOC accuracy
- ⚡

High Performance

 - Big capacity with small volume for household
 - Cycle life ≥ 8000 cycles

- 💧

IP54 Dust and Water Protection

 - IP54 protection rating, resistant to 200mm of continuous heavy rain
 - Dust-proof with desert-grade shield
- 📦

Flexible Adaptability

 - Quick and easy installation
 - Modular design, expandable to 15 units in parallel

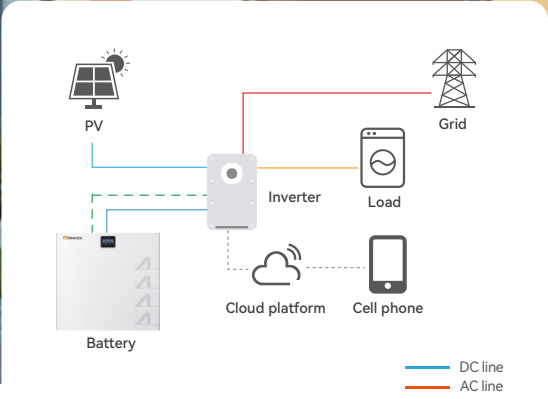
PERFORMANCE SPECIFICATIONS				
Model	HZEB-LCT-5	HZEB-LCT-10	HZEB-LCT-16	HZEB-LCT-20
Battery Type	LiFePO ₄			
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Configuration	3.2V100Ah/1P16S	3.2V206Ah/1P16S	3.2V314Ah/1P16S	3.2V205Ah/2P16S
Capacity(Ah)	100Ah	206Ah	314Ah	410Ah
Nominal Energy(kWh)	5.12kWh	10.54kWh	16.07kWh	20.99kWh
Usable Energy(kWh@90%DOD) ^[1]	4.61kWh	9.49kWh	14.47kWh	18.89kWh
Max.Charge/Discharge Current(A) ^[2]	100A	100A	150A	200A
Voltage Range(V)	44.8~57.6V			
Scalability	Up to 15 units in parallel			
Communication Interface	CAN;RS232			
Cycle Life (@25°C,90%DOD) ^[3]	≥5000Cycles	≥6000Cycles	≥8000Cycles	≥6000Cycles
Warranty Period ^[4]	5+5 years			
Cumulative Discharge Energy	8.2MWh	16.9MWh	25.8MWh	33.7MWh
PERFORMANCE SPECIFICATIONS				
Weight(kg)	59kg	83.5kg	127kg	180kg
Dimension(W*D*H)	400*160*700mm	460*245*640mm	460*245*800mm	650*265*850mm
Installation Method	Wall/Ground Mounted(20kWh battery ground-mounted only)			
IP Rating	IP54	IP54	IP54	IP21
SECURITY AND CERTIFICATION				
Safety(Pack)	UN38.3,MSDS,IEC62619(CB),CE-EMC,IEC63056			UN38.3,MSDS
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054			
Protection	BMS	BMS	BMS	BMS and breaker
ENVIRONMENTAL SPECIFICATIONS				
Operating Temperature Range(°C)	Charge 0°C~55°C;Discharge -20°C~55°C			
Altitude(m)	≤2000m			
Humidity	≤90%(Non-condensing)			

[1] DC usable energy , test conditions: 25°C±2°C, 0.5C charge & discharge, 90% DOD.System usable energy may vary due to system configuration parameters.
[2] The current is affected by temperature and SOC.
[3] Battery cell life standard, using cells that meet the requirements of this standard.
[4] Conditions apply, refer to Dawnice Warranty Agreement.
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HV Stackable Energy Storage Battery

Six Ultra BS06-S



Features

- #### Higher Density, Fewer Packs

50% higher energy density
- #### Tip-resistant Fixation Point Design

Inter-module locking pins/fasteners with rear wall-mounted anchor points
- #### High Safety Performance

Integrated grounding points with enhanced protective safety

- #### Intelligent Design

Bluetooth/WiFi enabled with APP monitoring and OTA remote upgrade capabilities
- #### Snap-Fit Installation With Freeform Stacking

Consolidated from dual-stack to single-stack design, with scalable 6-stack capacity for complex scenarios
- #### Smart & High-Efficiency

Smart & high-efficiency system with self-learning SOC/SOH capability and autonomous fault diagnostics



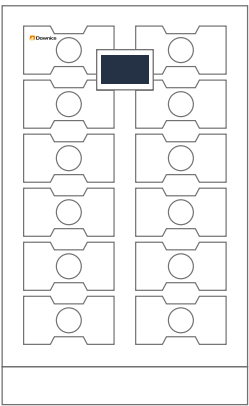
Yichun Dawnice Manufacture and Trade Co., Ltd.

Performance Specifications					
Model	BS06-15-S/2S	BS06-23-S/3S	BS06-30-S/4S	BS06-38-S/5S	BS06-46-S/6S
Battery Type	LiFePO ₄				
Nominal Voltage	153.6V	230.4V	307.2V	384.0V	460.8V
Configuration	3.2V100Ah/1P24S				
Capacity(Ah)	100Ah				
Nominal Energy(kWh)	15.36kWh	23.04kWh	30.72kWh	38.40kWh	46.08kWh
Usable Energy(kWh@90%DOD) ^[1]	13.82kWh	20.73kWh	27.64kWh	34.56kWh	41.47kWh
Max.Charge/Discharge Current(A) ^[2]	50A				
Voltage Range(V)	134.4~172.8V	201.6~259.2V	268.8~345.6V	336~432V	403.2~518.4V
Scalability	Up to 5 battery clusters in parallel				
Communication Interface	CAN;RS485				
Cycle Life ^[3]	≥6000 Cycles (25℃,0.5C/0.5C,90%DOD,70%EOL)				
Warranty Period ^[4]	5+5years				
Cumulative Discharge Energy	24.6MWh	37.0MWh	49.3MWh	61.6MWh	74.0MWh
Mechanical Specifications					
Weight(kg)	184kg	259kg	334kg	409kg	484kg
Dimension (W*D*H)	870*450*530mm	870*450*690mm	870*450*850mm	870*450*1010mm	870*450*1170mm
Installation Method	Stackable				
IP Rating	IP65				
Anti-corrosion Grade	C4				
Security and Certification					
Safety(Pack)	UN38.3,MSDS				
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054				
Protection	BMS,Breaker				
Environmental Specifications					
Operating Temperature Range(℃)	Charge 0℃~55℃;Discharge-20℃~55℃				
Altitude(m)	≤2000m				
Humidity	≤90%(Non-condensing)				

[1] DC usable energy, test conditions: 25℃±2℃, 0.5C charge & discharge, 90% DOD.System usable energy may vary due to system configuration parameters.
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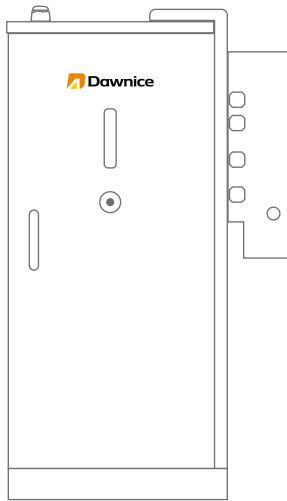
C&I ENERGY STORAGE SYSTEMS



EnerFlex-2.0

112-225kWh HV Indoor
Energy Storage Battery

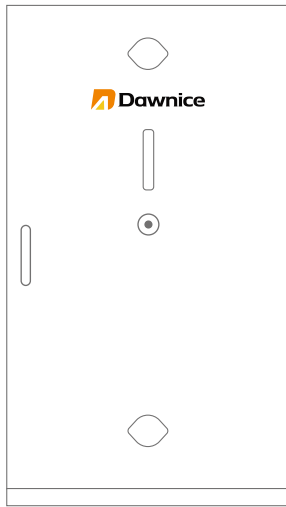
Better heat dissipation
Easy maintenance, Dust-proof design



LOONG POWER 4.0

112kWh Outdoor
Energy Storage Battery

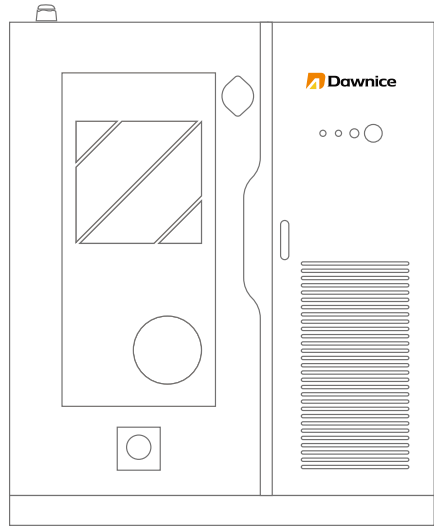
High Performance, Safety and Security
Flexible Expansion, Integrated Cabinet Design



LOONG POWER 4.0

225kWh DC Outdoor
Energy Storage Battery

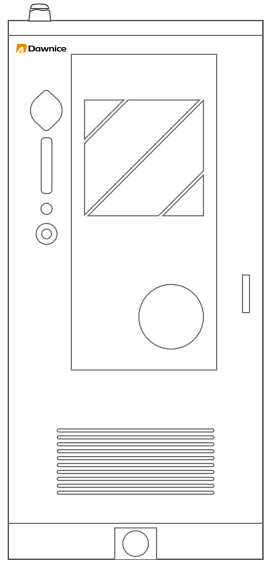
High Performance, Safety and Security
Flexible Expansion, Integrated Cabinet Design



Nezha Series BS07-265-ES-G

Integrated PV-Storage
-Genset Hybrid System

All-in-one Hybrid System
125kW/265kWh, Multi-Energy Integration



Nezha Series BS07-265-ES-X

Peak Shaving & Valley Filling
All-in-one ESS

All-in-one On-grid System
125kW/265kWh, Up to 10 units in parallel



HV Indoor Energy Storage Battery EnerFlex-2.0

Dust Proof, No Cable Leakage
More Safer & Beautiful Appearance



Features and Advantages

- **Better Heat Dissipation**
 - Temperature difference reduced by 35%
 - Temperature rise reduced by 32.12%

- **Easy Installation**
 - 225kWh battery installed in 5 minutes

- **High Flexibility**
 - BMS self-identification, up to 10 units in parallel

- **Easy Maintenance**
 - External communication acquisition module and remote screen, find the battery status in 5 minutes



Yichun Dawnice Manufacture and Trade Co., Ltd.

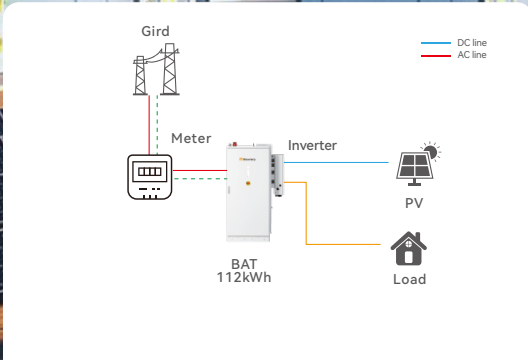
SPECIFICATIONS				
Model	BS09-112-R/7S	BS09-160-R/10S	BS09-192-R/12S	BS09-225-R/14S
Nominal Voltage(V)	358.4V	512V	614.4V	716.8V
Cell Mode/Configuration	3.2V314Ah/1P16S			
Capacity(Ah)Cell	314Ah			
Nominal Energy(kWh)	112.53kWh	160.76kWh	192.92kWh	225.07kWh
Usable Energy(kWh@90%DOD) ^[1]	101.28kWh	144.69kWh	173.62kWh	202.56kWh
Max.Charge/Discharge Current(A) ^[2]	157A			
Voltage Range(V)	313.6~403.2V	448~576V	537.6~691.2V	627.2~806.4V
Communication Interface	CAN; RS485			
Cycle Life ^[3]	≥8000 Cycles (25°C, 0.5C/0.5C, 90%DOD, 70%EOL)			
Warranty Period ^[4]	5+5 years			
Design Life	≥15Years(25°C)			
Display Mode	HMI Display (optional)			
	Green light: system running / Red light: system alarm			
Cooling Method	Fan cooling			
Installation	Floor-mounted			
Cumulative Discharge Energy	180.7MWh	258.1MWh	309.8MWh	361.4MWh
MECHANICAL SPECIFICATIONS				
Weight(kg)	1015kg	1400kg	1630kg	1900kg
Dimension(W*D*H)	1100*792*1221mm	1100*792*1725mm	1100*792*1974mm	1100*792*2226mm
IP Rating	IP20			
SECURITY AND CERTIFICATIONS				
Safety(Pack)	UN38.3,MSDS			
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054			
Protection	Short-circuit protection,overcurrent protection,over-temperature protection			
ENVIRONMENTAL SPECIFICATIONS				
Operating Temperature(°C)	Charging: 0~55°C / Discharging: -20~55°C			
Working Altitude(m)	≤2000m			
Humidity	≤90%(non-condensing)			

[1] DC usable energy , test conditions: 25℃±2℃, 0.5C charge & discharge, 90% DOD.System usable energy may vary due to system configuration parameters.
[2] The current is affected by temperature and SOC.
[3] Battery cell life standard , using cells that meet the requirements of this standard.
[4] Conditions apply, refer to Dawnice Warranty Agreement.
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112kWh Outdoor LOONG POWER 4.0 Energy Storage System

Plug-and-play Inverter Compatibility
Triple Safety Monitoring



Features



Multi-Status Visual Indication

- Instant operational status recognition
- Hazardous condition alert within 1s



Plug-and-play Inverter Compatibility

- ≥8,000-cycle durability certification
- Auto-recognition & plug-and-play



Triple Safety Monitoring

- Real-time detection: smoke , temperature
- Cabinet equipped with automatic fire alarm



Equipped with a Display Screen

- Real-time system parameter visualization
- Integrated fault diagnosis system



Yichun Dawnice Manufacture and Trade Co., Ltd.

MODEL	BS09-112-D-P
Battery Type	LiFePO ₄
Nominal Energy	16.076kWh
Nominal Capacity	314Ah
Nominal Voltage	51.2V
Number of Battery Packs	7
Charging Temperature Range	0°C~55°C
Discharging Temperature Range	-10°C~55°C
Module Parameters	
Nominal Energy	112.53kWh
System Usable Energy(kWh@90%DOD) ^[1]	101.28kWh
Nominal Voltage	358.4V
Operating Voltage Range	313.6~403.2V
Combination Method	1P112S
Charge and Discharge Current (A) ^[2]	157A
Discharge Depth	Max 90%(Suggestion 80%)
IP Rating	IP54
Anti-corrosion Grade	C3(Optional C5)
Installation	Outdoor
Cooling Method	Intelligent Air Cooling
Operating Temperature	-30~55°C (derating above 45°C)
Storage Temperature	0~35°C
Display Mode	Green light: system running / Red light: system alarm
Communication Interface	CAN; RS485
BMS Communication Method	CAN
Operating Humidity	≤90%(non-condensing)
Operating Altitude	≤2000m
Cycle Life ^[3]	≥8000 Cycles (25°C , 0.5C/0.5C, 90%DOD, 70%EOL)
Warranty ^[4]	5+5 years
Dimension (W*D*H)	915*1287*2085mm
Weight	1320kg
Cumulative Discharge Energy	180.7MWh
Certification	MSDS, UN38.3,IEC62619,IEC61000,IEC62477

[1] DC usable energy , test conditions: 25°C±2°C, 0.5C charge & discharge, 90% DOD.System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] Battery cell life standard , using cells that meet the requirements of this standard.

[4] Conditions apply, refer to Dawnice Warranty Agreement.

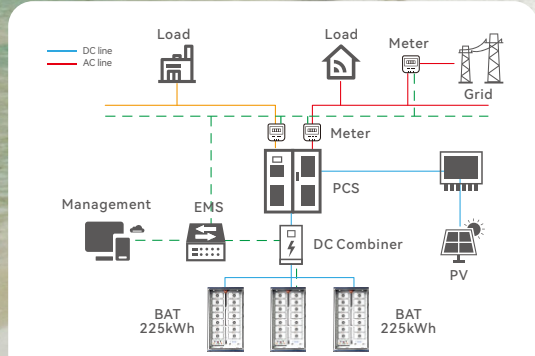
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225kWh DC Outdoor LOONG POWER 4.0

Automatic Fire Alarm
Automatic Fire Extinguishing System

Energy Storage Battery



Features

High Efficiency Conversion

- Charge-discharge conversion and system efficiency≥90%

Intelligent Control

- Intelligent climate control systems for a wide range of applications

Stable Operation

- With perfect communication, monitoring function,long-time continuous and stable operation

Fire Fighting System

- Cabinet equipped with automatic fire alarm and automatic fire extinguishing system



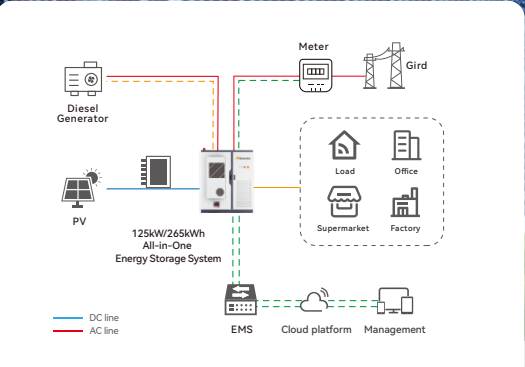
Model	BS09-225-D
Battery Pack(1P16S)	
Battery Type	LiFePO ₄
Rated Voltage	51.2V
Nominal Capacity	314Ah
Pack Energy	16.076kWh
Weight	122kg
Battery System(1P224S)	
Rated Voltage	716.8V
Nominal Energy(kWh)	225.07kWh
Usable Energy(kWh@90%DOD)[1]	202.56kWh
Max.Charge/Discharge Current(A)[2]	157A
Voltage Range	627.2-806.4V
Cycle Life[3]	≥8000 Cycles(25℃,0.5C/0.5C,90%DOD,70%EOL)
Warranty Period[4]	5+5 years
Cumulative Discharge Energy	361.4MWh
Configuration	1P224S
Scalability	Up to 10 units in parallel
Relative Humidity	90%
Cooling Method	Intelligent Air Cooling
Noise	75dB(<1m distance)
Altitude	≤2000m
Operating Temperature Range(℃)	-30℃~55℃(> 45℃ derating)
Display Mode	Green light: system running / Red light: system alarm
Communication Interface	CAN;RS485
BMS Communication Method	CAN
IP Rating	IP54
Anti-corrosion Grade	C3(Optional C5)
Dimension (W*D*H)	1250*1413*2385mm
Weight	2540kg
Certifications	MSDS, UN38.3,IEC62619,IEC61000,IEC62477

[1] DC usable energy , test conditions: 25℃±2℃, 0.5C charge & discharge, 90% DOD.System usable energy may vary due to system configuration parameters.
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Dawnice Integrated PV-Storage -Genset Hybrid System

Nezha Series BS07-265-ES-G

125kW/265kWh



Features

Advanced Battery Safety System

- Triple-layer protection architecture
- Real-time fault diagnosis
- Multi-level thermal runaway prevention

Integrated Fire Protection

- Multi-sensor early warning
- Automatic aerosol suppression
- <500ms response time

Flexible Load Management

- 3P4W unbalanced load support
- Dynamic phase compensation
- 0.9 leading/lagging PF adjustment

Intelligent Power Management

- High-precision SOC/SOH monitoring
- Adaptive charge/discharge control
- ≥99.9% system availability

Multi-Energy Integration

- Seamless PV/diesel/grid coupling
- Automatic source transfer (≤20ms)
- Hybrid power scheduling

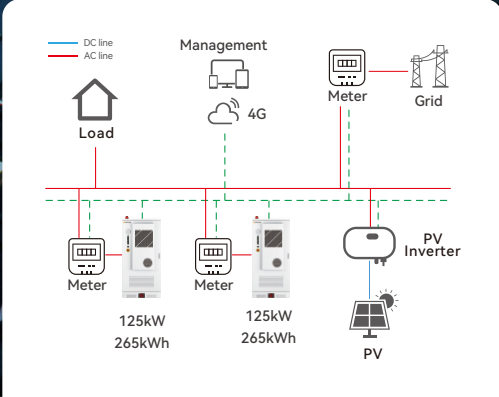
Multi-Mode Operation

- Grid-connected/Islanding/Hybrid modes
- Black start capability
- Microgrid interoperability

Model	BS07-265-ES-G	
Battery Parameters		
Battery Type	LiFePO ₄	
Configuration	1P264S	
Rated Battery Voltage	DC 844.8V	
Nominal Capacity	314Ah	
Battery Voltage Range	739.2~950.4V	
Nominal Energy	265.267kWh	
Usable Energy(kWh@90%DOD)	238.74kWh	
Cycle Life	≥8000 Cycles(@25°C,0.5C,90%DOD,70%EOL)	
Warranty Period	5+5 years	
Cumulative Discharge Energy	426.0MWh	
PV input Parameters		
Input Power	120kW	
PV Open-circuit Voltage	DC 200~900V	
MPPT Voltage Range	DC 200~700V	
Start-up Voltage	250V	
No. of MPPT Trackers	1	
Max. PV Current	200A	
Short-circuit Current	60A+60A+60A+60A	
AC (On Grid)		
Rated Power	125kW	
Output Voltage	AC 230/400V	
Grid Frequency	50/60Hz	
Grid Connection Form	3W+N+PE	
Power Factor	0.99	
Power Factor Range	-1(leading)~1(lagging)	
THDi	<2%(rated power)	
AC (off-grid)		
Rated Power	125kW	
Output Voltage	AC 230/400V	
Grid Frequency	50/60Hz	
AC Voltage harmonic	<3%(Linear load)	
Isolation Transformer Parameters		
Voltage	AC 400/400V	
Capacity	150kVA	
Max. Efficiency	≥97%	
Short-Circuit Impedance	4%	
Basic Parameters		
Dimension (W*D*H)	1758*1476*2135mm	
Weight	3350kg	
Operating Temperature Range(°C)	-30°C~55°C(> 45°C derating)	
Relative Humidity	5%~90%(non-condensing)	
IP Rating	IP54	
Anti-corrosion Grade	C4(Optional C5)	
Noise	75dB(<1m distance)	
Altitude	≤2000m	
Cooling Method	Intelligent Air Cooling (Battery compartment air conditioning,electrical compartment fan)	
Certifications	UN38.3,MSDS,IEC62619(CB),IEC63056(CB),IEC62040-1(CB),CE-EMC,IEC62477-1,IEC60529	

Peak Shaving & Valley Filling
All-in-one ESS
Nezha Series BS07-265-ES-X

125kW/265kWh



Features

-  **Improve Energy Density**

314Ah high-capacity cells with industry-leading energy density CTP (cell-to-pack) technology improve energy density
-  **Multi-Layer Safety Protection**

Dual fire suppression: cluster-level aerosol + cabin-level water mist enhanced cell monitoring for precise cut-off
-  **Foolproof & Efficient Maintenance**

Error-proof busbar design cuts installation time
Advanced balancing algorithm extends battery lifespan

-  **Flexible & Space-Saving Deployment**

Front-in/rear-out thermal design enables zero-gap side-by-side & back-to-back installation optimized airflow maintains stability in high-density layouts
-  **Intelligent Temperature Control**

PCS waste heat recovery reduces auxiliary cooling energy
-  **Smart Monitoring System**

Real-time voltage/temperature tracking for proactive safety management

Model	BS07-265-ES-X
Battery Parameters	
Battery Type	LiFePO ₄
Cell Mode/Configuration	3.2V314Ah/1P264S
Rated Battery Voltage	DC 844.8V
Battery Voltage Range	DC 739.2~950.4V
Nominal Energy	265.26kWh
Usable Energy(kWh@90%DOD) ^[1]	238.74kWh
Max Charge/Discharge Current(A) ^[2]	157A
Cycle Life ^[3]	≥8000 Cycles(@25°C,0.5C,90%DOD,70%EOL)
Warranty Period ^[4]	5+5 years
Cumulative Discharge Energy	426.0MWh
AC (On Grid)	
Rated Voltage	400V
Rated Voltage Range	±15%
Grid Frequency	50/60Hz
Grid Connection Form	3W+N+PE
Rated Power	125kW
Max. power	138kW
Max. current ^[4]	200A
Power Factor	0.99/~1~1
THDi	<2%(rated power)
DC Component	<0.5%
Overload Capacity	110%
Max. efficiency	98.5%
Basic Parameters	
Dimension (W*D*H)	1095*1520*2395mm
Weight	2680kg
Operating Temperature Range(°C)	-30°C~55°C(> 45°C derating)
Relative Humidity	5%~90%(non-condensing)
IP Rating	IP54
Anti-corrosion Grade	C4(Optional C5)
Noise	75dB(<1m distance)
Altitude	≤2000m
Cooling Method	Intelligent Air Cooling
Fire Protection	Aerosol and water fire protection
Communication Interface	CAN;RS485
Certifications	UN38.3,MSDS,IEC62619(CB),IEC63056(CB),IEC62040-1(CB),CE-EMC,IEC62477-1,IEC60529

[1] DC usable energy, test conditions: 25°C±2°C, 0.5C charge & discharge, 90% DOD.System usable energy may vary due to system configuration parameters.
[2] The current is affected by temperature and SOC.
[3] Battery cell life standard, using cells that meet the requirements of this standard.
[4] Conditions apply, refer to Dawnice Warranty Agreement.
Text and images correspond to the current state of technology at the time of printing, subject to modifications.All information is without guarantee despite of careful editing-liability excluded.



Honey Series All-in-One C&I 125kw/261kWh Liquid-cooled ESS

125kW/ 261kWh



Features



All-in-One Integration

1.4m² compact design integrating battery, PCS, EMS and safety systems for fast and flexible deployment.



Multi-Level Safety Protection

Multi-level safety protection: temperature monitoring, smoke detection, fire suppression and explosion relief design



Intelligent Liquid Cooling

Intelligent liquid cooling ensures ≤3°C temperature difference and extends cycle life by over 20%.



Optimized Energy Savings

Optimized for C&I peak-valley arbitrage, delivering efficient energy management and approximately 21% cost savings.



Yichun Dawnice Manufacture and Trade Co., Ltd.

Performance Specifications		ESS 261kWh Liquid-cooled
Battery Parameters		
Battery Type	LiFePO ₄	
Cell Specifications	3.2V/314Ah	
Max Charge & Discharge Rate	0.5C	
Configuration	1P260S	
Nominal Energy	261.248kWh	
Rated Voltage	832VDC	
Voltage Range	728~949VDC	
Cooling-down Method	Liquid cooling	
Cycle Life	8000Cycles@70%SOH (25 C±2 C, 0.5P)	
AC Side Parameters		
Rated AC Power	125kW	
Rated Voltage	230/400Vac, 3L+N+PE	
Grid Connection Form	Three-phase four-wire	
Rated Frequency	50/60Hz	
Total Current Waveform Distortion Rate	<3%	
Cooling-down Method	Intelligent forced air cooling	
System Parameter		
Temperature Range	-30 ~ 50℃	
Humidity	≤95%RH(no condensation)	
Height	≤2000m	
IP Rating	IP54	
Fire Extinguisher System	Aerosol fire extinguishing device	
CI	Ethernet/RS485	
Corrosion Protection Grade	C4	
Product Dimensions (W×D×H)	1055×1300×2300mm	
Package Dimensions (W×D×H)	1130×1400×2510mm	
Weight	2500KG	





Honey Series 261kWh DC Outdoor Liquid-cooled ESS



Features



Automatic Coolant Refill

Automatically replenishes coolant to maintain stable system performance while reducing maintenance costs by up to 50%.



Multi-Level Safety Protection

Multi-level safety protection: temperature monitoring, smoke detection, fire suppression and explosion relief design



Intelligent Liquid Cooling

Intelligent liquid cooling ensures $\leq 3^{\circ}\text{C}$ temperature difference and extends cycle life by over 20%.



Optimized Liquid Cooling Assembly

Advanced bonding process improves heat transfer, ensures uniform cell temperature, and enhances vibration resistance.



Yichun Dawnice Manufacture and Trade Co., Ltd.

PERFORMANCE SPECIFICATIONS	ESS 261kWh Liquid-cooled
Model	WD-ECF260S
Battery Parameters	
Battery Type	LiFePO ₄
Cell Specifications	3.2V/314Ah
Max Charge & Discharge Rate	0.5C
Configuration	1P260S
Nominal Energy	261.248kWh
Rated Voltage	832VDC
Voltage Range	728~949VDC
Cooling-down Method	Liquid cooling
Cycle Life	8000Cycles@70%SOH (25 C±2 C, 0.5P)
System Parameter	
Temperature Range	-30 ~ 50°C
Humidity	≤95%RH(no condensation)
Height	≤2000m
IP Rating	IP54
Fire Extinguisher System	Aerosol fire extinguishing device
CI	Ethernet/RS485
Corrosion Protection Grade	C4
Product Dimensions (W×D×H)	1055×1300×2300mm
Package Dimensions (W×D×H)	1130×1400×2510mm
Weight	2450KG





Sunflower Series 125kW/261kWh Liquid-cooled ESS

125kW/261kWh



Inverter Data		
Battery Type	Lithium-ion	
Battery Voltage Range	300 – 950 V	
Max. charge / discharge current	100 A × 2 / 100 A × 2	
Number of battery ports	2	
Max. charge / discharge current of each port	100 A	
Communication	CAN / RS485	
PV String Input Data		
Recommended max. PV array size	250 kW	
Max. usable PV input power	250 kW	
Max. input voltage	1000 V	
Rated voltage	600 V	
Start-up voltage	180 V	
MPPT voltage range	150 – 950 V	
Max. input current	10 × 42 A	
Max. short circuit current	10 × 60 A	
MPPT number / Max. input strings number	10 / 20	
Other Inverter Datas		
Rated grid voltage	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V / 400 V	
Rated input voltage	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V/ 400 V	
Output AC (Back-up)	125 kW	
Cooling conceptt	Intelligent redundant fan-cooling	



Yichun Dawnice Manufacture and Trade Co., Ltd.

Battery Data		ESS 261kWh Liquid-cooled	
Model		WD-ECF260S	
Battery Parameters			
Battery Type		LiFePO ₄	
Cell Specifications		3.2V/314Ah	
Max Charge & Discharge Rate		0.5C	
Configuration		1P260S	
Nominal Energy		261.248kWh	
Rated Voltage		832VDC	
Voltage Range		728~949VDC	
Cooling-down Method		Liquid cooling	
Cycle Life		8000Cycles@70%SOH (25 C±2 C, 0.5P)	
System Parameter			
Temperature Range		-30 ~ 50℃	
Humidity		≤95%RH(no condensation)	
Height		≤2000m	
IP Rating		IP54	
Fire Extinguisher System		Aerosol fire extinguishing device	
CI		Ethernet/RS485	
Corrosion Protection Grade		C4	
Product Dimensions (W×D×H)		1055×1300×2300mm	
Package Dimensions (W×D×H)		1130×1400×2510mm	
Weight		2620KG	



Yichun Dawnice Manufacture and Trade Co., Ltd.

info@dawnnice.com https://www.energydawnice.com



WhatsApp



WeChat



Sunflower Series Liquid-cooled ESS

80kW/ 208kWh

100kW/ 208kWh



Inverter Data		
Model	80kW	100kW
Battery Type	Lithium-ion	Lithium-ion
Battery Voltage Range	300 – 950 V	300 – 950 V
Max. charge / discharge current	100 A × 2 / 100 A × 2	100 A × 2 / 100 A × 2
Number of battery ports	2	2
Max. charge / discharge current of each port	100 A	100 A
Communication	CAN / RS485	CAN / RS485
PV String Input Data		
Recommended max. PV array size	160 kW	200 kW
Max. usable PV input power	160 kW	200 kW
Max. input voltage	1000 V	
Rated voltage	600 V	
Start-up voltage	180 V	
MPPT voltage range	150 – 950 V	
Max. input current	10 × 42 A	
Max. short circuit current	10 × 60 A	
MPPT number / Max. input strings number	10 / 20	
Other Inverter Datas		
Rated grid voltage	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V / 400 V	
Rated input voltage	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V / 400 V	
Output AC (Back-up)	80 kW	100 kW
Cooling concept	Intelligent redundant fan-cooling	
Dimensions (W × H × D) 1174 × 814 × 400 mm	1174 × 814 × 400 mm	
Weight	170 kg	



Yichun Dawnice Manufacture and Trade Co ., Ltd.

Battery Data		ESS 208kWh Liquid-cooled	
Model		WD-ECF208S	
Battery Parameters			
Battery Type		LiFePO ₄	
Cell Specifications		3.2V/314Ah	
Max Charge & Discharge Rate		0.5C	
Configuration		1P208S	
Nominal Energy		208.998kWh	
Rated Voltage		665.6V	
Voltage Range		582.4~759.2V	
Cooling-down Method		Liquid cooling	
Cycle Life		8000Cycles@70%SOH (25 C±2 C, 0.5P)	
System Parameter			
Temperature Range		-30 ~ 50℃	
Humidity		≤95%RH(no condensation)	
Height		≤2000m	
IP Rating		IP54	
Fire Extinguisher System		Aerosol fire extinguishing device	
CI		Ethernet/RS485	
Corrosion Protection Grade		C4	
Product Dimensions (W×D×H)		1055×1300×2300mm	
Package Dimensions (W×D×H)		1130×1400×2510mm	
Weight		< 2.5 T	



WhatsApp



WeChat

Energy Storage Container

1MW / 2MWh

500kW / 1MWh



Features

- Multi-Mode Flexibility**

 - Multiple working modes can be flexibly set.
- Real-Time Status Monitoring**

 - Support real-time online monitoring of system status
- Intelligent Thermal Control**

 - Support battery management system and comprehensive thermal management.
- Universal Power Access**

 - Support simultaneous access to load, battery, grid, and DG
- Thermal Isolation Safety**

 - The electrical compartment and battery compartment are separated to prevent runaway spread of heat.
- Rapid Deployment Design**

 - Integrated design, easy to transport and install,flexible deployment

Performance Specifications		
Model	ESS1000-2089	ESS500-1045
AC Data		
Rated Power (kW)	1000	500
Rated Voltage (V)	400	400
Rated Current (A)	1570A	785A
Voltage Range (V)(On-grid)	320V-460V	
Rated Frequency	50/60Hz	
Frequency Range	45-55/55-65Hz	
THDi(On-Grid)	<3%	
THDu (Off-Grid)	<1% linear; < 5% non-linear	
Power Factor	1 (0.8 leading ~ 0.8 laging can be set)	
Overload Capacity	110% Long term	
AC Output	3W+N+PE	
Isolation Transformer	315/400	
On-grid Off-grid Switching	Support	
Battery Data		
Cell Type	3.2V/314Ah	
Nominal Voltage(V)	665.6V/10P208S	665.6V/5P208S
Nominal Energy (MWh)	2.089	1.045
Working Voltage Range (V)	582.4-748.8V	
Max. Charge and Discharge Rate	0.5C@25°C	
Cycle Life	≥8000	
System Data		
Dimensions W*D*H (mm)	40GP	20GP
Net Weight (kg)	38,000	21,000
Operating Temperature (°C)	0~+45	
Relative Humidity	0~95%(non-condensing)	
Ingress Protection	IP54	
Noise Emission (dB)	<75dB	
Operating Altitude	3,000m	
Cooling Method	Intelligent air cooling	
Fire Extinguishing System	FM200/NOVEC1230	
Display	Touch LCD display+cloud platform	
EMS Communication	RS485, TCP/IP	
Corrosion Protection Grade	C5	



5kWh-10MWh
Project capacity

LEADING C&I ESS PROVIDER

15 years specializing in lithium batteries, with full supply-chain control from raw materials ,cells, battery assembly , applications to ensure top-tier reliability.

China's first standardized commercial & industrial energy storage solution.



5+

First Project
Running Year





1000+

C&I
In Operation





ALL-SCENARIO ESS SOLUTIONS

PV-Storage System, PV-Storage-Diesel Hybrid System, Smart Microgrid, Peak Shaving & Valley Filling etc.



Office Buildings



Hospitals



Shopping Malls



Off-grid Resort



Data Center



Heavy Industry



Farms



Charging Station



Mine And Field Operation Base



Cold Storage



Greenhouse



5G Communication Base Station

RESIDENTIAL CASES



📍 Middle East



Capacity:32kWh

📍 Poland



Capacity: 40kWh

📍 Cuba



Capacity:64kWh

📍 Mali



Capacity:48kWh

📍 Poland



Capacity: 40kWh

📍 Liberia



Capacity:25kWh

📍 Malaysia



Capacity:48kWh

📍 Vietnam



Capacity:32kWh

📍 Middle East



Capacity:20kWh

📍 USA



Capacity:100kWh

📍 Puerto Rico



Capacity:10kW/20kWh

📍 Thailand



Capacity:32kWh

📍 U.K.



Capacity:48kWh

📍 Mali



Capacity: 160kWh

C&I PROJECT CASES



Netherlands



Vietnam



Ireland



Germany



Nigeria



Netherlands



Zambia



Kenya



Vietnam



Uzbekistan



Romania



Middle East



Finland



GLOBALLY CERTIFIED

Certified to IEC 62619, IEC 62477, IEC 61000, IEC 63056, ISO9001, MSDS, UN38.3 etc.



←

Jasmine
 Pre-sale Manager

←

Nikki
 Pre-sale Support

←

Emma
 Pre-sale Support

↘

Terence
 System Engineer

↘

Willow
 System Engineer

↘

Jayden
 After-sale Manager

←

Eunice
 After-sale

←

Reway
 Quality Engineer

←

Annice
 Technical Support Engineer

↘

Dawnice Service Team

↘

Ouyang
 Pack Engineer

↘

Feirong
 Pack Engineer

DAWNICE SERVICE CENTER

Engineer Team
 24-persons Engineer Team

After-sales Team
 24 Hours / 7 Days Online Service



Invention Patent

Invention patent ZL 2023 1 1056878.2
 Design patent ZL 2025 3 0069876.0
 Utility model patent ZL 2024 2 2985320.9

Product Training
 Professional One-to-one Products Training

Installation
 Worldwide Dawnice Installers