



JAWAY

NEW ENERGY

One-stop Energy Storage System Solution Provider



Adhering to the most efficient and flexible service concept, Jaway has established a complete set of one-stop service systems including pre-sales, sales and after-sales services, and integrated high-quality service concepts into global sales.

At present, Jaway's high-quality products have a wide reputation from users around the world and are spread in every corner of the world with its sales network.

 Floor 2, Block G, Haowei New Material Industrial Park, Qingsong West Road, Pingshan District, Shenzhen

 www.jawaydc.com

 service@jawaydc.com



Smart Manufacturing-Empowerment-Service-Sharing

01 COMPANY PROFILE

Jaway New Energy is located in a large industrial park filled with high-end, precision and cutting-edge technology enterprises of Pingshan District, Shenzhen City, Guangdong Province. It's established on August 23, 2021 with a registered capital of 10 billion yuan. As a high-tech company focusing on lithium battery module R & D, design, production and sales, its main businesses cover Distributed Power System, standard lithium battery Energy Storage System, Battery Management System and energy Internet of Thing platform. With the leadership of senior R & D and operation team, it has gained lots of core technologies, software patents and intellectual properties, which make it a Chinese pioneer of battery solution and product provider.






Jaway New Energy provides customers with "safe, convenient and durable" green new energy products based on the business philosophy of "integrity, rigor and innovation". Adhering to the characteristics of innovative company like struggle, dedication and strong execution, Jaway takes social responsibility and continuously develops lithium battery products that are more environmentally friendly and durable. At the same time, it conducts all-round ultra-environmental and ultra-data testing of batteries and battery modules, and conducts real and extreme simulations of usage scenarios. With the assistance of multiple senior engineers, QC, and technical personnel, all problems can be solved

Green Energy, Sustainable Development, Better Life



Jaway New Energy
Make Products with Heart and Soul

Product Series

- 
Residential Energy Storage
 Wall-mounted / Stacked
- 
Cabinet Energy Storage
 Low Voltage Cabinet / High Voltage Cabinet
- 
Portable Power Supply
 Power Tools / Portable Backup Power Source
- 
Energy Storage for Backup Power
 | Home Energy Storage | U P S | Storage & Charging Integrated | Distributed Energy Storage
- 
Lead-Acid Replacement Battery
 Electric Pallet Truck | Stacker | Forklift | Tr | A G V



10 parallel machines

Up to 10 parallel machines can be supported

Product Parameter

Main Features

- Top brand new LiFePO4 cells,super safety.
- Supports wall mounted or floor stand installation.
- 100A Smart BMS matches well with solar system.
- 6000+cycles, 10+years life design.
- All around protection and unattended operation.
- Integrated with multiple communication protocols for 20+ brands of inverters.

High Quality Wall Mounted Lithium Battery

Technical Data

MODEL	DYA50Q	DYA100Q	DYA100F
Nominal Voltage	51.2V	51.2V	51.2V
Energy	5.12KWH	10.24KWH	10.24KWH
Nominal Capacity	100Ah	200Ah	200Ah
Charging Limit Voltage	58.4V	58.4V	58.4V
Working Voltage	44.8V-58.4V	44.8V-58.4V	44.8V-58.4V
Standard Charging Current	20A	40A	40A
Max. Charging Current	100A	100A	100A
Discharging End-off Voltage	44.8V	44.8V	44.8V
Standard discharge current	20A	40A	40A
Max. Discharge Current	100A	100A	100A
Battery Cell Type	LFP 3.2V 50Ah		
Communication	CAN2.0/RS485/RS232		
Case Material	Cold-Roll Steel Sheets		
Dimension	640*430*185±3mm	850*625*185±3mm	850*625*185±3mm
Battery Weight	55kg	100kg	100kg
Operating Temperature Range	Charging:0°C-45°C		
	Discharging:-20°C-60°C		



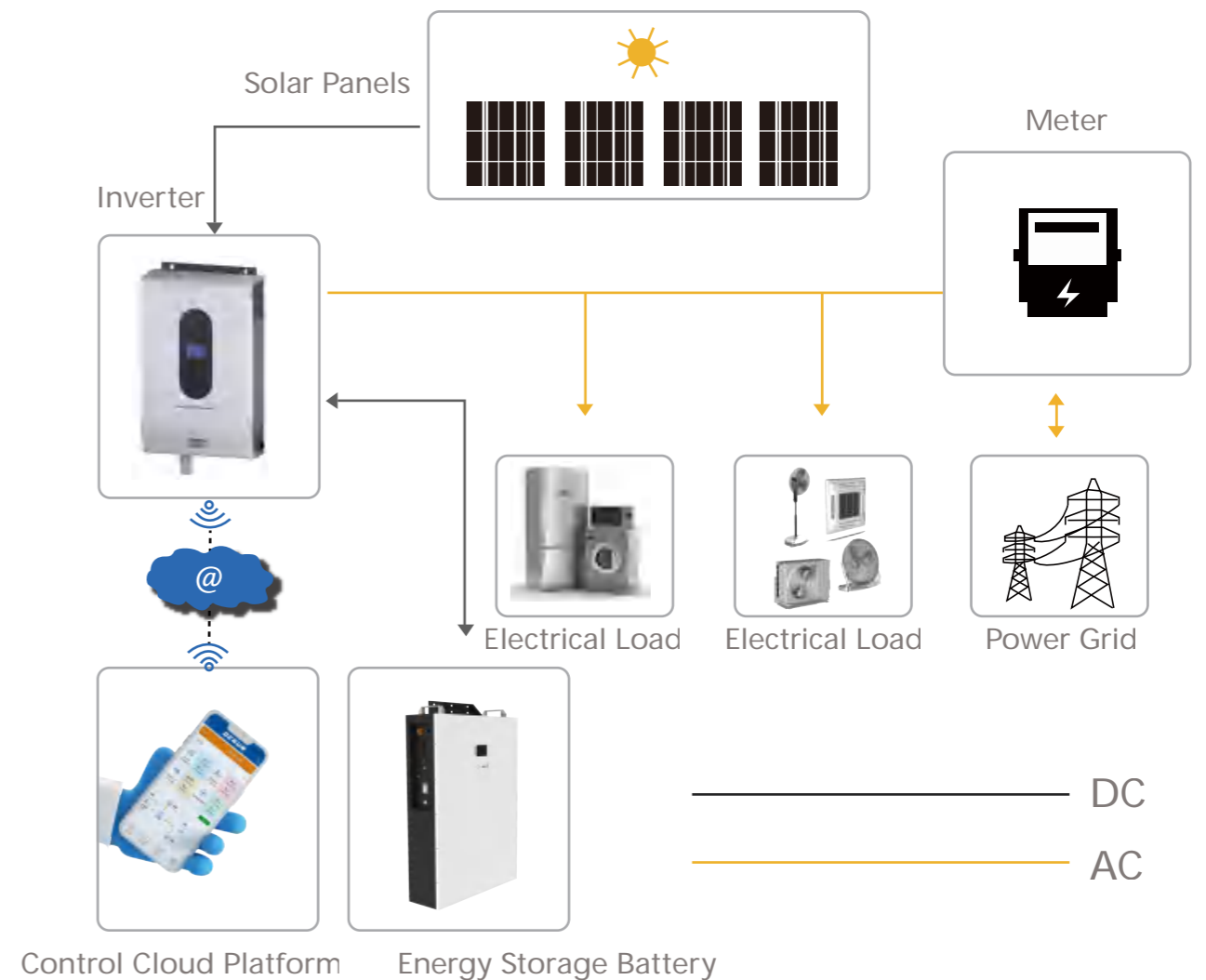
Home wall-mounted energy storage——provide superior energy reserves for your family

Household wall-mounted energy storage system is an outstanding, safe and stable energy reserve solution. Its unique high energy density cell and large-capacity design make it ideal for household energy needs

Outstanding Performance to cater for your needs

With advanced battery technology, it has outstanding performance. Whether used as backup during power outage or as energy storage device of solar power generation system, it's capable of providing you with continuous and stable power support

Our Solar Energy Storage System



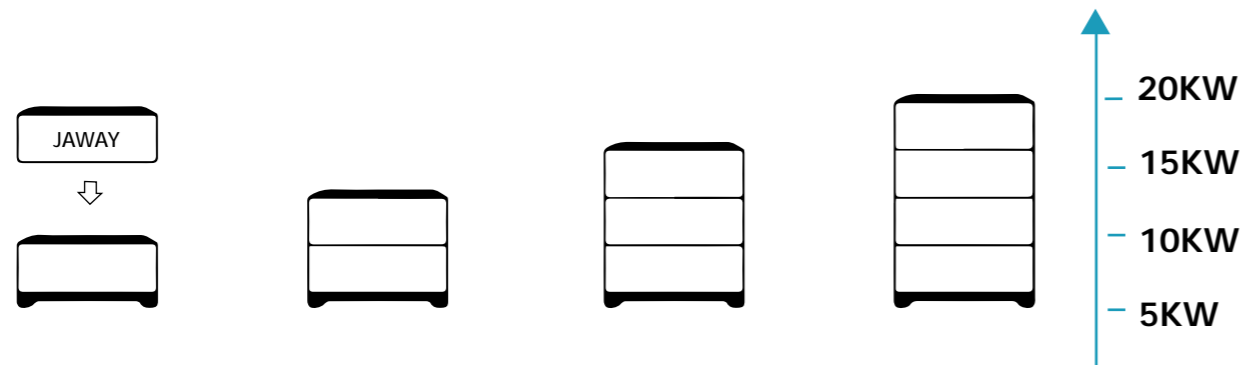
DYA100F

Wall-Mounted Energy Storage System



Main Feature

- Top Brand Cells, Grade A Quality, 6000 Cycles
- Modular Movable & Stacked Design, 1-5A Cell, Easy Installation and Expansion
- Plug and Play
- Indoor Mobility Space Saving
- Big Charge and Discharge Current, Suitable for Solar Storage System
- Safety & Certification
- Smart BMS, Real-time Monitoring, CAN2.0/RS485 Communication Interface, Support Various Brands of Inverters.
- Multifunctional Intelligent LED & LCD Display






UP TO 20 KWH






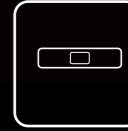
Stacked Energy Storage Battery

Technical Data

MODEL	DCA501	DCA502	DCA503	DCA504	DCA1002
Nominal Voltage	51.2V				51.2V
Energy	5.12KWH	10.24KWH	15.36KWH	20.48KWH	20.48KWH
Nominal Capacity	100Ah	100Ah*2	100Ah*3	100Ah*4	200Ah*2
Charging Limit Voltage	58.4V				58.4V
Working Voltage	44.8V-58.4V				44.8V-58.4V
Standard Charging Current	40A	40A	80A	80A	80A
Max. Charging Current	100A	100A	200A	200A	200A
Discharging End-off Voltage	44.8V				44.8V
Standard discharge current	40A	40A	80A	80A	80A
Max. Discharge Current	100A	100A	200A	200A	200A
Battery Cell Type	LFP 3.2V 50Ah				
Communication	CAN2.0/RS485/RS232				
Case Material	Cold-Roll Steel Sheets				
Dimension	695*505*321mm	695*505*513mm	695*505*704.5mm	695*505*895mm	695*525*825mm
Battery Weight	68kg	127kg	186kg	245kg	235kg
Operating Temperature Range	Charging:0°C-45°C				
	Discharging:-20°C-60°C				

Optional Inverter

	Max. Input Power	5500W
	Max. Input Voltage	500V
	MPPT Voltage Range	120-430V
	Dimension	699*509*138mm
	Inverter Weight	20kg
	Rated Voltage, Frequency	220V, 50HZ/60HZ

- 
High performance LFP
- 
3-8kw AC Output
- 
WIFI WIFN Function
- 
Customized High Voltage/Low Voltage
- 
Customized Capacity
- 
5KW Off-Grid Inverter



Cabinet Energy Storage System

- Wide Voltage Range: Wide input voltage system design to maximum adapt customer power grid environment.
- Safety and Reliability: State-of-the-art cabinet design for safety protection; high quality LFP battery cell
- Intelligent BMS: Multiple protection mechanisms, special software with multi-level protection
- High Energy Density Standardized Design: Compact module structure, suitable for various standard cabinets
- Data visualization: Real-time monitoring battery operation and energy consumption status from HMI

Cabinet Energy Storage System



Communication Base Station



Data Center



HomeEnergy Storage



Solar Energy Storage



Technical Data

No.	Item	Spec		
1	Model Number	DKA504	DKA503	DKA502
2	Nominal Voltage	51.2V	51.2	51.2
3	Energy	20.48KWH	15.36KWH	10.24KWH
4	Charging Limit Voltage	58.4V	58.4V	58.4V
5	Working Voltage	44.8-58.4V	44.8-58.4V	44.8-58.4V
6	Standard Charging Current	80A	80A	40A
7	Max Charging Current	200A	200A	100A
8	Discharging Cut-off Voltage	44.8V	44.8V	44.8V
9	Standard Discharging Current	80A	80A	40A
10	Max Discharging Current	200A	200A	100A
11	Battery Cell Spec	LFP 3.2V 50AH	LFP 3.2V 50AH	LFP 3.2V 50AH
12	Main Case Material	Cold Rolled Steel Plate	Cold Rolled Steel Plate	Cold Rolled Steel Plate
13	Outline Dimension	660mm*736mm*1004mm ±3mm	660mm*736mm*1004mm ±3mm	660mm*736mm*1004mm ±3mm
14	Battery Weight	307±2kg	252±2kg	197±2kg
15	Operation Environment	Charge: 0~45°C Discharge: -20-60°C	Charge: 0~45°C Discharge: -20-60°C	Charge: 0~45°C Discharge: -20-60°C

Rack Mounted Energy Storage System

51.2V 100AH/200AH/300AH/400AH/500AH

Features

- Rack 4U module
- Lowself consumption
- RS485/CAN/RS232 commnication port
- Parallel up to 15pcs

Performance Advantages

- Standardized design: standardized and modular design, free of maintenance, easy for installation
- High safety performance: use long-life and high-safety lithium iron phosphate battery cells
- Intelligent BMS: High precision sampling BMS, multiple protection mechanisms
Long life cycle: design life is up to 6000 cycles
- Full range of products: product capacity can be 20~100Ah to meet the power backup needs of various scenarios



Rack Mounted Energy Storage System



Communication Base Station



Data Center



HomeEnergy Storage



Solar Energy Storage

Technical Data

NO	Item	Spec
1	Nominal Voltage	51.2V
2	Typical Capacity	100Ah
3	Energy	5.120kWh
4	Battery Internal Resistance	≤112mΩ
5	Charging Limit Voltage	58.4V
6	Working Voltage	44.8/58.4V
7	Standard Charging Current	20A
8	Max Charging Current	50A
9	Discharging Cut-off Voltage	44.8V
10	Standard Discharging Current	20A
11	Max Discharging Current	100A
12	Connection Method	16S2P
13	Battery Cell Spec	IFP3.2V-50Ah
14	Main Case Material	Cold Rolled Steel Plate
15	Protection Grade	IP51
16	Cooling Method	Natural Cooling
17	Outline Dimension	518*472*177mm(Not including pole)
18	Battery Weight	≈52Kg

Portable Metal Case Power Supply

- Portable, more light-weighted compared to other batteries with the same capacity, compact size, convenient for carry with handle, long life, equipped with advanced BMS and fireproof materials
- Rich interfaces and strong compatibility, multiple functional output ports to match devices with different input interfaces, support USB, Type-C, multiple interface output safety and intelligent management system, self heat dissipating according to temperature change to keep battery in low temperature for long period, equipped with multiple safety protections, avoiding over voltage, over current, over temperature, over charging, over discharging, short circuit and other issues

Technical Data

NO	Item	Spec
1	Nominal Voltage	12.8V
2	Typical Capacity	42Ah
3	Energy	537.6Wh
4	Battery Internal Resistance	≤270mΩ
5	Charging Limit Voltage	14.6V
6	Working Voltage	10V/14.6V
7	Standard Charging Current	8.4A
8	Max Charging Current	21A
9	Discharging Cut-off Current	8.8V
10	Standard Discharging Current	8.4A
11	Max Discharging Current	42A
12	Connection Method	4S7P
13	Battery Cell Spec	IFR32700-3.2V-6Ah
14	Main Case Material	Battery Weight
15	Protection Grade	IP51
16	Cooling Method	Natural Cooling
17	Outline Dimension	212*195.2*179±3mm(not including pole)
18	Battery Weight	≈8.5Kg



Portable Metal Case Power Supply

- Optional for Bluetooth monitor.
- Compact size, easy for moving.
- IP65 waterproof and dustproof rating.
- Ideal choice for lead acid battery replacement.
- 3 Years warranty, 3000+ cycles, 5+ years life design.
- Support in series or parallel connection to 24V/48V system.

Technical Data

NO	Item	Spec
1	Nominal Voltage	12.8V
2	Typical Capacity	30Ah
3	Energy	384Wh
4	Battery Internal Resistance	≤280mΩ
5	Charging Limit Voltage	14.6V
6	Working Voltage	10V/14.6V
7	Standard Charging Current	6A
8	Max Charging Current	15A
9	Discharging Cut-off Current	8.8V
10	Standard Discharging Current	6A
11	Max Discharging Current	30A
12	Connection Method	4S5P
13	Battery Cell Spec	IFR32700-3.2V-6Ah
14	Main Case Material	Cold Rolled Steel Plate
15	Protection Grade	IP51
16	Cooling Method	Natural Cooling
17	Outline Dimension	223*190*81.5mm(Not including pole)
18	Battery Weight	≈6Kg

Jaway Outdoor Mobile Power Supply

- More convenient for outdoor travel, high capacity/multiple output interfaces
- Large LCD display screen, operation data visualization



JAWAY

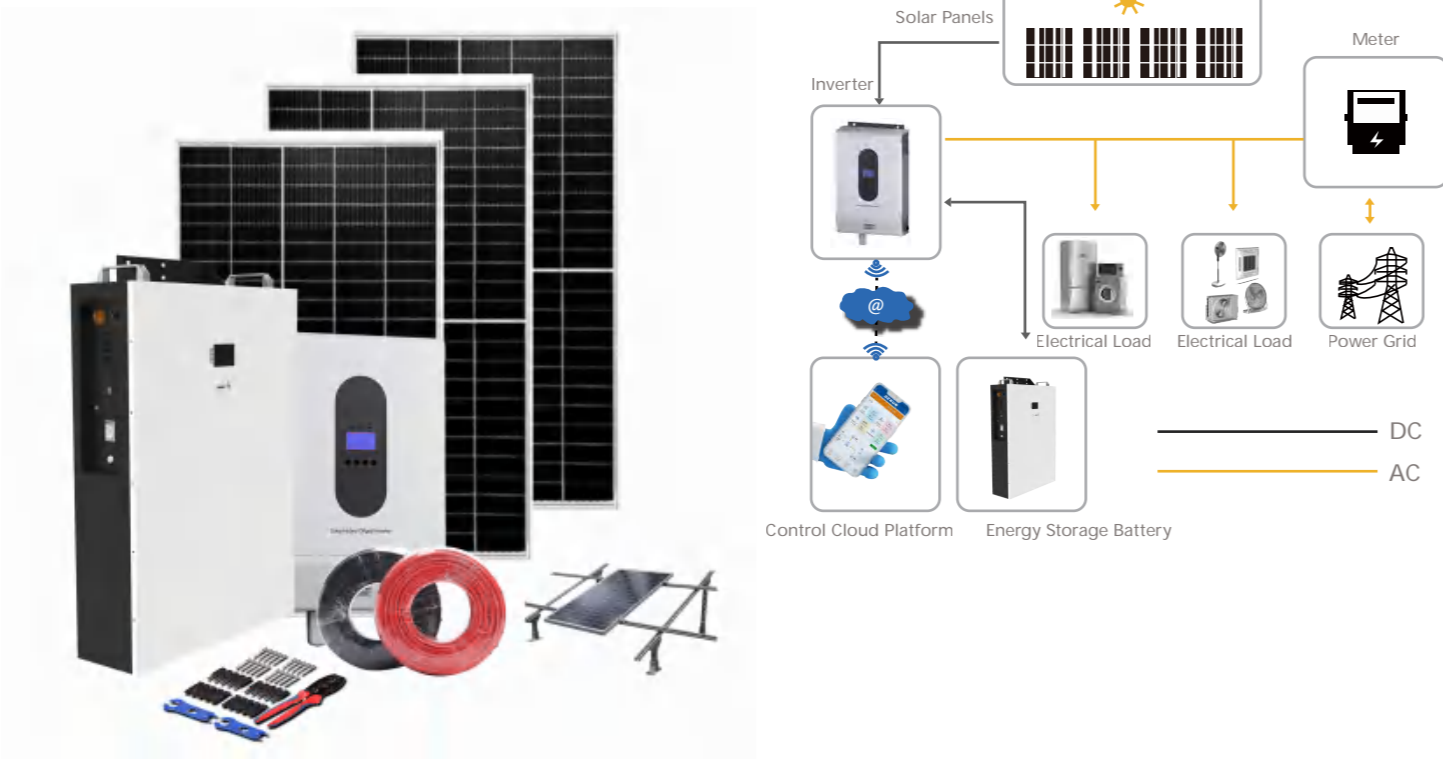
Lead acid replaces lithium batteries



Super Capacity Strong Power Long Battery Life Mildly Waterproof Long Lifespan Compact Size

MODEL	D112070	D112020	D112050	D112075	D112100	D112150	D112200	D112300
Nominal Voltage	12.8V							
Energy	89.6KWH	253KWH	640KWH	960KWH	1280KWH	1920KWH	2560KWH	3840KWH
Nominal Capacity	7Ah	20Ah	50Ah	75Ah	100Ah	150Ah	200Ah	300Ah
Working Voltage	10V-14.6V							
Max. Charging Current	7A	20A	50A	75A	100A	100A	200Ah	200Ah
Max. Discharge Current	7A	20A	50A	75A	100A	100A	200Ah	200Ah
Battery Cell Type	IFR32800	IFR26700	IFR26700	IFR32140	IFR26148134	IFR26148134	IFR26148134	IFR26148134
Case Material	plastics							
Dimension	150*65*94mm	176*166*125mm	229*138*208mm	256*165*210mm	256*165*210mm	406*173*218mm	522*240*218mm	640*245*220mm
Battery Weight	0.85kg	2.5kg	6.0kg	7.3kg	10.5kg	16kg	22kg	30.5kg
Operating Temperature Range	Charging:0°C-45°C Discharging:-20°C-60°C							

Our Solar Energy Storage System



Solar Energy Storage System

- 1. Energy storage battery 76.8WH-60KWH
- 2. Inverter 300W-30KW
- 3. PV modules 100W-675W
- 4. PV system mounting kit Full set of mounting bracket, connector and PV.

- Brand new Grade A prismatic cell, cycle life ≥ 6000 cycles
- Meet one day power demand of normal home daily use



HONORS AND QUALIFICATIONS



Certification

Relevant reports or certificates of air shipment, sea shipment, quality inspection, etc can be provided based on customer requirements



Main Business Partners

NARI	南瑞集团		中国南方电网
XCMG	徐工集团		韩国电力公社
TOPSCOMM	鼎信通讯		科华技术
KSTAR	科士达		EleFirst