

Industry-specific attributes

Storage Type	outdoors
Anode Material	Other
Application	Power Tools, Home Appliances, BOATS, Golf Carts, SUBMARINES, Electric Forklifts, electric vehicles, Electric Power Systems, Solar Energy Storage Systems, Uninterruptible Power Supplies

Other attributes

Brand Name	Dawnice
Model Number	DW384100
Battery Size	100-800KWH
Place of Origin	Guangdong, China
Weight	120kg
The charging ratio	95%
The discharge rate	100%
Product name	50kwh-500Kwh rechargeable lithium ion HV LiFePO4 battery
Type	Li-Ion
Voltage	48-1000V (could customized)
Application	Solar System, UPS System, Power station
Cycle life	+6000 Times
Communication	CAN/RS485
Terminal	Copper

14 YEARS COMMERCIAL ENERGY STORAGE CONTAINER SYSTEM EXPERT

[SEND INQUIRY](#)

14 Years

Focusing on commercial energy storage system



Own factory

located in lithium battery capital from raw material to battery system have on site inspection



Full Customization

Customize the project according to your needs



Quality Control

From battery To system Process Control Expertise



Technical service

Professional technical support after-sales team



Certification

UL/CE/IEC multiple certifications

Products Description



Type of core	100kwh-500kwh Lithium iron phosphate						
Rated energy(KWH)	22	44	40	80	120	200	400
Nominal capacity (AH)	100	200	100	200	300	500	1000
Nominal voltage(VDC)	220.8		384			384	
Operating voltage range(VDC)	179~259		312~450			312~450	
Recommended Charge Voltage(VDC)	242		420			420	
Recommended discharge cutoff voltage(VDC)	210		366			366	
Standard charging current (A)	50	100	50	100	150	250	500
Maximum continuous charge current(A)	100	200	100	200	300	500	1000
Standard discharge current (A)	50	100	50	100	150	250	500
Maximum continuous discharge current(A)	100	200	100	200	300	500	1000
Working temperature	-20~65°C						
Communication interface	RS485/CAN two choose one						
Reference Weight (Kg)	300	600	470	940	1410	500	1000
Reference size(D*W*Hmm)	530*650*1180	625*550*1810	530*550*1810	(625*550*2040)*2	530*550*2020*3	530*550*2020*5	(625*550*1600)*10

Products Description

- ▶▶ Rated Electric Quantity: 100-500kWh.
- ▶▶ Cycle Life: 8000 Times (20~95%SOC, 25±5°C).
- ▶▶ Charging Temperature: 0°C~55°C.
- ▶▶ Discharge Temperature: -20°C~55°C.
- ▶▶ System Operating Voltage: 460V~570V.
- ▶▶ Continuous Charge And Discharge Current; 0.5C/1C.

Our advantages :

1. Cells : A grade full new quality prismatic cells. with original QR codes ,never use second hand cells. (Cells brand: REPT,GANFENG ,LISHEN ,GOTION). With 10-15 years typical lifespan.
2. Protection : Each battery built-in BMS -- Battery Management System.
3. Communication port : RS485/RS232/CAN,
4. Compatible : All hybrid and off grid inverter (Except Huawei, all inverters on the market can be make compatible by our engineer. only need to provide the inverter communication protocol)
5. Warranty : 5years. For long term cooperation customer, we can up to 10 years.
6. Maintenance free & Low self discharge & Fast & efficient charging.
7. Free cables + paper version user manual.

