

MOREDAY



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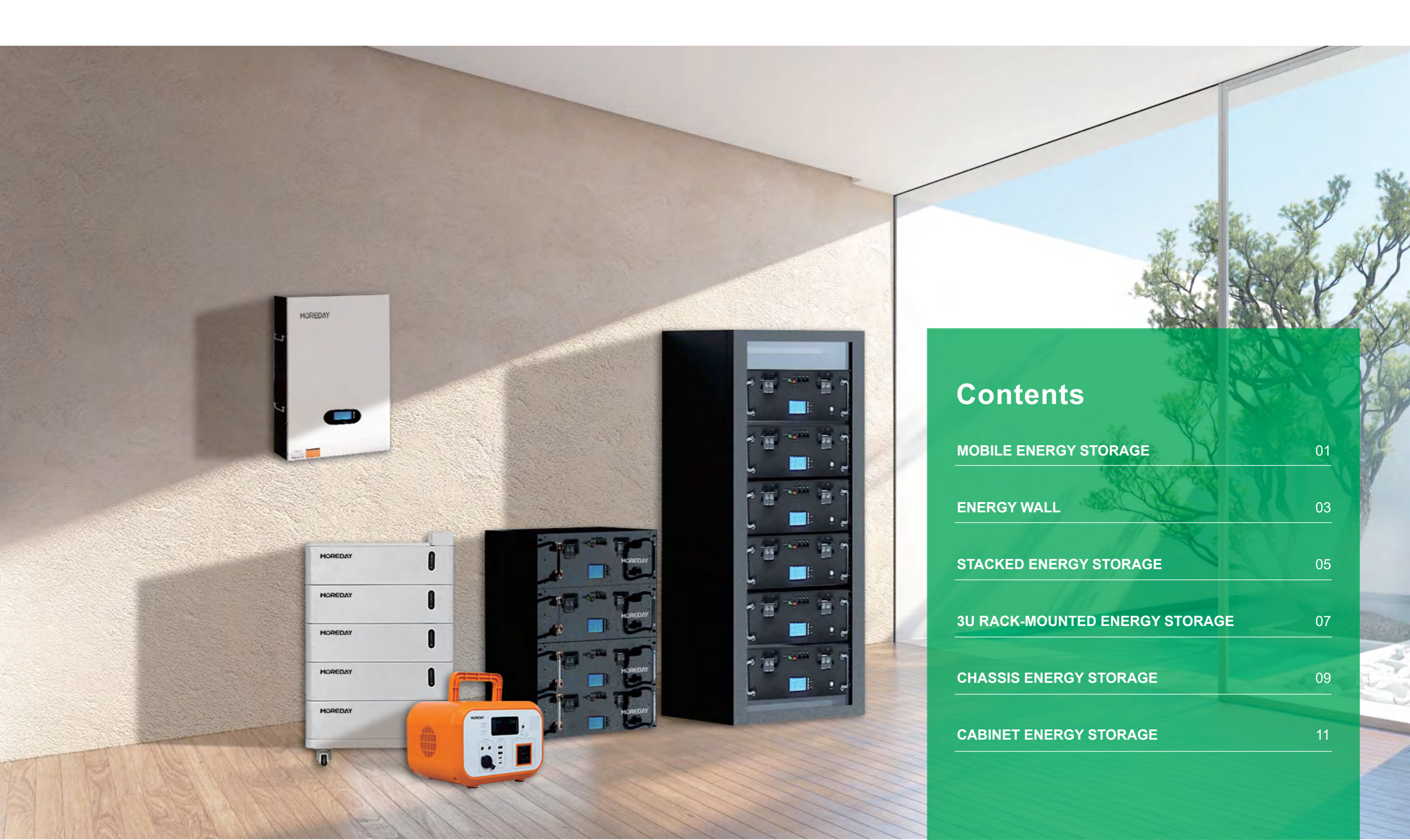
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If the models and specification in this product catalogue is changed due to the change of products, we will not inform.



**Energy Storage  
Samples**





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# Mobile Energy Storage

600W/1200W/1500W

## Mobile Energy Storage

### Product Description

Mobile Energy Storage use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

### Product Features















High flexibility

Strong reliability

Reducing Carbon Footprint

Cost-Effectiveness

### Product Parameter

Items	Specification						
Number	A1-1 / 600W	A1-2 / 600W	A1-3 / 600W	B1-1 / 600W	B1-2 / 600W	B2-1 / 1200W	B2-2 / 1500W
Product							
Input	<ol style="list-style-type: none"> <li>DC5521 12V-24V/1-5A power adapter</li> <li>DC5521 12V-24V/1-5A car charger 12-24V</li> <li>DC5521 12V-24V/1-5A solar panel</li> </ol>						DC Charging Port: DC6 330 port for DC charging, input voltage 29.2V 7A. The display keep lights up when charging, automatically screen off after fully charged.
Output	<ol style="list-style-type: none"> <li>Two versions of AC 220V or 110V, 600W, 50Hz/60Hz, sine wave</li> <li>DC car charger + DC connector (x2 ports) 12V-10A/120W total power</li> <li>USB-A (x2 U ports) QC3.0 fast charging 5V-3A, 9V-2A, 12V-1.5A/18W total power</li> <li>USB-C1 PD/QC3.0 fast charging 5V-3A, 9V-2A, 12V-1.5A/18W total power</li> <li>USB-C2 PD fast charging 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-3A/100W total power</li> <li>Lighting LED light 1W bright, with 2-level dimming and SOS flashing</li> </ol>						<ul style="list-style-type: none"> <li>◆ 220V50HZ/ 110V60HZ pure sine wave AC output</li> <li>◆ Cigarette lighter 24V10A*1 DC output</li> <li>◆ Cigarette lighter 12V10A*1 stable DC output</li> <li>◆ DC5525: 12V5A*2 stable DC output</li> <li>◆ USB-A 3.0*1 12W(MAX) output</li> <li>◆ USB-C QC3.0*1 18W(MAX) output</li> <li>◆ TYPE-C*1 60W(MAX) output</li> </ul>
Battery	Lithium iron phosphate power battery 32700 cylindrical						
Size (mm)	270*210*180	330*197*197	330*197*197	330*197*197	330*197*197	346*280*310	
Material	PC+V0 flame retardant						
Color							
Product Weight	about 6.5kg, subject to customization and the actual product						
Package Size	440*345*350						



# Energy Wall

Energy Storage Lithium Battery  
- 51.2V200Ah/51.2V100Ah



## Energy Wall







### Product Description

This Product Has The Characteristics Of Safety And Reliability, Multiple Protections Of Software And Hardware, Long Service Life, Convenient Capacity Expansion, Beautiful Appearance, Simple Installation, Etc. It Supports Off-grid Inverters And Hybrid Inverters, And Is Widely Used In Household Energy Storage, Photovoltaic Energy Storage, Commercial Energy Storage, Communication Base Station, Backup Power Supply, Etc.

### Product Parameter

Items	Specification			
Battery Type	Lithium iron phosphate battery		Lithium iron phosphate battery	
Product Number	MD-51.2V200Ah-A2B		MD-51.2V100Ah-A2B	
Q	51.2V		51.2V	
Nominal Capacity	200Ah		100Ah	
Maximum Voltage	58.0V		58.0V	
Minimum Voltage	40.0V		40.0V	
Recharging Current	60A		30A	
Discharge Current	100A		100A	
Way Of Communication	RS485/CAN (RS232/tooth optional)		RS485/CAN (RS232/blue optional)	
Power Display	have		have	
Battery Case	metal/white (color optional)		metal/white (color optional)	
Temperature Range	Charging: 0°C -50°C Discharge: -15°C-60°C		Charging: 0°C -50°C Discharging: -15°C-60°C	
Battery Size	940*550*165mm	870*456*145mm	600*480*165mm	535*455*145mm
Battery Weight	108kg (approx.)	94kg (approx.)	52.0kg (approx.)	50.0kg (approx.)
Charger	none		none	
Instruction Manual	Can be customized according to needs, size, shell, etc. can be adjusted according to needs		Can be customized according to needs, size, shell, etc. can be adjusted according to needs	

### Protection Functions

 <p><b>High Safety</b> Multiple protection of software and hardware</p>	 <p><b>Super Heat Dissipation</b> Multiple protection of software and hardware</p>	 <p><b>Strong Compatibility</b> Compatible with multi-brand and multi-model inverters</p>	 <p><b>Up to 15 Layers</b> Support up to 15 layers of arbitrary stacking</p>	 <p><b>Easy Installation</b> Simple installation saving time and cost</p>	 <p><b>Depth of Discharge</b> 90% depth of discharge</p>
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# Stacked Energy Storage

51.2V 200Ah LiFePO4 battery Brick/  
230V 50Ah LiFePO4 batter

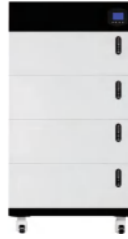


## Stacked Energy Storage

### Product Description

This product has the characteristics of safety and reliability, multiple protections of software and hardware, long service life, convenient capacity expansion, beautiful appearance, simple installation, etc. It supports off-grid inverters and hybrid inverters, and is widely used in the field of energy storage.

### Product Parameter

Items	Specification							
Product	LiFePO4 Battery Brick				HV Energy Storage System with Automotive <sup>®</sup> Level			
								
Battery Style	51.2V200Ah	51.2V300Ah	51.2V400Ah	51.2V500Ah	230V50Ah	307V50Ah	384V50Ah	460V50Ah
Nominal Voltage	51.2V				230V	307V	384V	460V
Rated Capacity	200Ah	300Ah	400Ah	500Ah	50Ah	50Ah	50Ah	50Ah
End-of-charge Voltage	58.4V				263V	350V	483V	525V
End-of-discharge Vltage	40.0V				191V	254V	318V	382V
Standard Charge Current	100A	150A	200A	250A	25A	25A	25A	25A
Max. Charge Current	200A	300A	400A	500A	50A	50A	50A	50A
Standard Discharge Current	100A	150A	200A	250A	25A	25A	25A	25A
Max Discharge Current	200A	300A	400A	500A	50A	50A	50A	50A
Max. Peak Current	300A	400A	500A	600A	100A	100A	100A	100A
Communication	RS485/CAN/BT				RS485/CAN			
Charge/Discharge Interface	M8 Terminal				M8 stud/insulated waterproof terminal (terminal optional)			
Communication Interface	RJ45				RJ45			
Shell Materil/Color	MetalWhite				Metal/Black (color optional)			
Size/mm	565*460*360	565*460*540	565*460*720	565*460*900	460*330*480	460*330*640	460*330*780	600*600*1600
Weight	92kg(about)	138kg(about)	184kg(about)	240kg(about)	100kg(about)	170kg(about)	280kg(about)	350kg(about)
Work Temperature Range	Charge:0°C-50°C Discharge: -15°C-60°C				Charge:0°C-50°C Discharge: -15°C-60°C			



# 3U Rack-mounted Energy Storage

## 3U Rack-mounted Energy Storage

### Product Description

3U rack-mounted energy storage is a mature, reliable, efficient, and easy-to-manage energy storage solution with broad application prospects.



### Product Parameter

Items	Specification
Specification	51.2V 100Ah
electric current	100A
battery size	550*440*130mm , 45kg
communication	RS485/RS232/CAN
Cycles	6000 (@80%DOD,25°C )



# Chassis Energy Storage

Outdoor Integrated Cabinet



## Chassis Energy Storage

### Product Description

The Outdoor All-in-one Cabinet, Which Integrates Lithium Iron Phosphate Batteries, Battery Management System Bms, Energy Storage Converter Pcs, Local Monitoring System Ems, Air Conditioning, Fire Fighting And Power Distribution Equipment In The Energy Storage Outdoor Cabinet, Adopts Modular Design To Create Low-carbon And High-yield Solutions For Different Application Scenarios, Making The Source Of Every Electricity Greener And The Destination Of Every Electricity More Valuable, And Building A New Zero-carbon Ecology.

### Product Parameter

Items	Light And Storage Integrated Energy Storage System		
Battery capacity	62kWh	113kWh	200kWh
Rated power	30kW	60kW	100kW
Local monitoring	with		
Operating temperature range	-20~60°C		
Fire protection method	Heptafluoropropane + fire detection tube		
Refrigeration	Industrial wall-mounted air conditioning		
Communication	Modbus-TCP Modbus-RTU		
Protection class	IP55		
Anti-corrosion grade	C3/C4/C5 (optional)		
Relative humidity	0-95%		
Cabinet size	1000*2000*1100mm	1450*2200*1100mm	1275*2200*1300mm
Isolation transformer	Optional		
Altitude	3000m		
<b>DC-side parameters</b>			
Voltage platform	1000V		
Rated voltage	350V	800V	800V
Voltage range	200-900V	680-1000V	650-900V
Maximum charge/discharge current	100A	88A	145A
<b>AC-side parameters</b>			
Rated power	30kW	60kW	100kW
Rated output voltage	230/400, 3P 4W+PE		
Maximum output current	43A	86A	145A
Rated input frequency	50Hz		
Model	HM2A180		HM5A180F
Specification	38.4V 148Ah		64V 240Ah
Dimension	315 x 820x 171.5mm		515*928*160.5mm
Weight	55kg+1		115kg
Quantity	11 units	20 units	13 unite



# Cabinet Energy Storage

Integrated Light and Storage Energy Storage System

## Cabinet Energy Storage

### Product Features

- ★ **Friendly and flexible**
  - Parallel systems can be expanded to MW level.
- ★ **Richly configurable**
  - Integration of various booster systems.
  - Integrated ventilation systems available.
- ★ **Safe and reliable**
  - Supports multiple battery inputs for improved battery cycle life.
  - High frequency switching, low current ripple and high voltage quality.
- ★ **Intelligent and efficient**
  - Supports multiple battery inputs for improved battery cycle life.
  - High frequency switching, low current ripple and high voltage quality.

### Product Description



Right



Left



Interior



### Product Parameter

Light And Storage Integrated Energy Storage System			
Item	Model	IYP-1.5MWh- 500KW	IYP -3MWh-1 MW
DC-side parameters	Battery capacity (MWh)	1.5	3
	Number of battery racks	12	18
	BMS communication interface	RS485/CAN	
	DC voltage range (V)	600~850	600~850
AC side parameters	Rated AC Power(KW)	500	1000
	Rated AC Current(A)	722	1400
	Rated grid voltage (V)	400	
	Rated grid frequency (Hz)	50/60	
General data	Protection class	IP54	
	Dimension(mm)	6090*2435*2895mm	12190*2435* 2895mm
	Volume (kg)	7500	13500
	BMS communication	CAN,RS485	
	EMS communication	RS485,TCP/IP	