

Specification

Model	Enerhi-M10
Cell Type	LFP
Rated Voltage	51.2V
Rated Capacity	200Ah
Rated Energy	10.24kWh
Electrical Parameters	
Voltage Range	44.8-57.6V
Rated Charging Current	100A
Max. Charging Current	120A
Rated Discharging Current	100A
Max. Discharging Current	120A
General Parameters	
Weight	90kg
Dimensions (W*D*H)	550*230*810mm
Protection Rating	IP65
Cooling Mode	Natural air cooling
Operating Conditions	
Ambient Temperature	Charging: 0-55°C, Discharging: -20-55°C, Storage: -30-60°C
Humidity	5-95%, RH
Altitude	≤2000m
Mounting Mode	Floor-standing
Cycle Life	≥6000 cycles (@ 25±2°C, 0.5C/0.5C, 90%DOD, 70%EOL)
Certifications	IEC62619, UN38.3

The above parameters are subject to change without further notice, and the actual product shall prevail.



Head Office

4 Chome-37-11 Nishiaraï, Adachi-ku, Tokyo-to
Japan

China Office

No.89 Yunlongshan Road, Jianye District, Nanjing
City, Jiangsu Province, China

✉ info@nawray.com

☎ +81 03 5837 4742 (Head Office)
+86 25 5180 5028 (China Office)

🌐 www.nawray.com



Wall-Mounted Residential BESS

Enerhi-M10





Wall Mounted to Save Space Fitting Various Residential Styles




Enerhi-M10 is a wall-mounted fit-for-purpose solution for residential users. The structure is compact and enclosure material is customizable according to residential style.

 Small Size
Big Capacity

 High-performance
LFP Cell

 Multiple appearances
Multiple choices

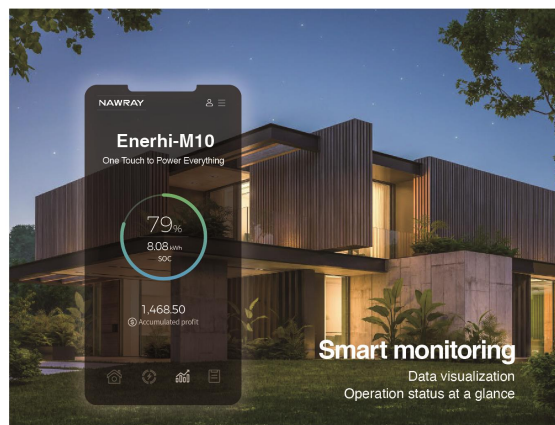
 Preeminent Design
Safe and Reliable

 Monitor the Status
In Real-time



Global Certifications

Successfully certified in main global markets, complying with IEC, UN38.3, etc.



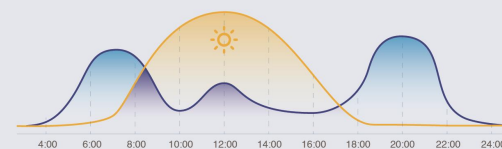
Smart monitoring





Data visualization
Operation status at a glance

New Pattern for Green Energy Utilization

Solar + storage AIO system ensures sufficient self-utilization; peak-valley arbitrage cuts electricity bills.

 PV self-utilization
 PV generation
 Battery discharge



-  Discharge from battery to meet your electricity usage during nights & early mornings
-  PV generation meets your electricity usage during days
-  Keep appliances running seamlessly during an outage
-  Ensure power stays on under severe weather

Residential ESS Solutions

World-leading residential smart energy solutions, green, digital, smart.....
NAWRAY brings amazing new energy life for global families!



Specification

Model	Enerhi-T10	Enerhi-T15	Enerhi-T20
Cell Type	LFP	LFP	LFP
Rated Voltage	204.8V	307.2V	409.6V
Rated Capacity	50Ah	50Ah	50Ah
Rated Energy	10.24kWh	15.36kWh	20.48kWh
Electrical Parameters			
Voltage Range	172.8~230.4V	259.2~345.6V	345.6~460.8V
Rated Charging Current	25A		
Max. Charging Current	30A		
Rated Discharging Current	25A		
Max. Discharging Current	30A		
General Parameters			
Weight	110kg	155kg	200kg
Dimensions (W*D*H)	820*215*1035mm	820*215*1420mm	820*215*1805mm
Protection Rating	IP65/NEMA 4		
Cooling Mode	Natural air cooling		
Operating Conditions			
Ambient Temperature	Charging: 0~55°C, Discharging: -20~55°C, Storage: -30~60°C		
Humidity	5~95%, RH		
Altitude	≤2000m		
Mounting Mode	Floor-standing		
Cycle Life	≥6000 cycles (@25±2°C, 0.5C/0.5C, 90%DOD, 70%EOL)		
Certifications	IEC62619, UL1973, UN38.3		

The above parameters are subject to change without further notice, and the actual product shall prevail.



Head Office

4 Chome-37-11 Nishiarai, Adachi-ku, Tokyo-to
Japan

China Office

No.89 Yunlongshan Road, Jianye District, Nanjing
City, Jiangsu Province, China

NAWRAY

Scalable Energy
Energized Life

New Energy Amazing World

Stackable Residential BESS
Enerhi-T10/T15/T20

✉ info@nawray.com

☎ +81 03 5837 4742 (Head Office)
+86 25 5180 5028 (China Office)

🌐 www.nawray.com



Free Choice on Energy Stackable Design

Stackable Residential BESS Enerhi-T10/T15/T20

Enerhi-T is a smart residential battery solution:
proven modular & stackable design,
flexible option on energy demand;
intelligent BMS, energy management at a glance.



**Rotary
Disconnect Switch**
Flexible, safe and reliable
operation



Design Patent
Innovative full-hidden wiring
design, incorporating design
appearance aesthetics



Smart Energy Management
Digital battery management
system, managing energy
at a glance



Modular Design
Unique modular design,
installation by two people
in 30 minutes,
and maintenance-free

-Stackable up to 4 battery packs
-10.24~20.48kWh Free choice
on energy

-Super performance
LFP cell
-IP65/NEMA4 protection

-Built-in multi-level power
safety management system
-Globally insured by PICC

Global Certifications

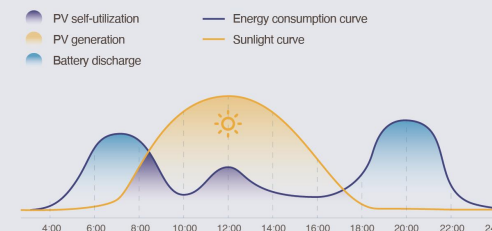
Successfully certified in main global
markets, complying with IEC, UL, UN38.3, etc.



New Pattern for Green Energy Utilization

24/7
Monitoring

Solar + storage AIO system ensures sufficient self-utilization;
peak-valley arbitrage cuts electricity bills.



- Discharge from battery to meet your electricity usage during nights & early mornings
- PV generation meets your electricity usage during days
- Keep appliances running seamlessly during an outage
- Ensure power stays on under severe weather

Enerhi-T10

24/7 Power Protection

Refrigerator
(200W) 53h
TV
(50W) 42h
Air conditioner
(1000W) 10h

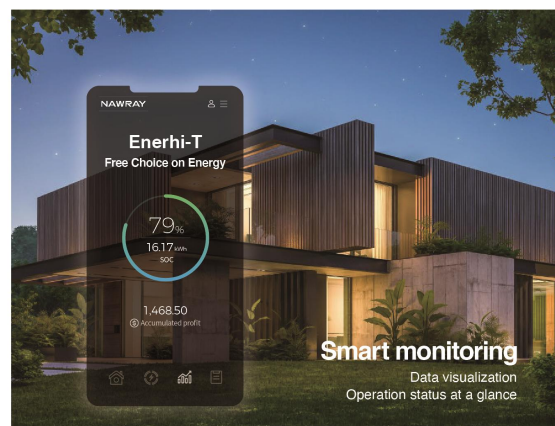
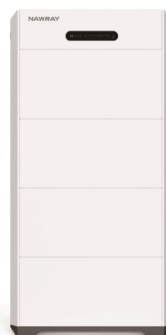
10.24kWh



15.36kWh



20.48kWh



Smart monitoring

Data visualization
Operation status at a glance

Residential ESS Solutions

World-leading residential smart energy solutions, green, digital, smart.....
NAWRAY brings amazing new energy life for global families!



Specification

Model		Enerhi-B10	
Battery type	LFP	Voltage Range	44.8V~57.6V
Configuration	2P16S	Rated Charging Current	100A
Rated Voltage	51.2V	Max. Charging Current	120A
Rated Capacity	200Ah	Rated Discharging Current	100A
Rated Energy	10.24kWh	Max. Discharging Current	120A
PV Parameters			
Max. PV Generation Power	6500W	Max. Short Circuit Current	13.8/13.8A
Max. DC Voltage	580V	MPPT Voltage Range	125~550V
Rated DC Operating Voltage	360V	MPPT Number	2
Max. PV Input Current	11/11A		
On-Grid Parameters			
On-Grid Rated Power	5000VA	On-Grid Rated Current	21.7A
On-Grid Rated Voltage	230V	Max. AC Current	24.5A
On-Grid Rated Frequency	50/60Hz	Power Factor	0.8 lead~0.8 lag
Electrical Connection	L/N/PE	THD	<3%
Parallel Operation	NO		
Off-Grid Parameters			
Off-Grid Rated Power	4600VA		
Off-Grid Rated Voltage	230V		
Off-Grid Rated Frequency	50/60Hz		
Electrical Connection	L/N/PE		
Max. Protection Current	30A		
Max. Short Circuit Current	43A (10s)		
Peak Power	6900VA (3s)		
UPS Switching Time	<0.5S		
Operating Conditions			
Ambient Temperature	Charge/Discharge: 0~55°C		
Humidity	5~95%, no condensing		
Altitude	≤2000m		
Mounting	Floor standing		
General Parameters			
Weight	160kg		
Dimensions (W*D*H)	700*212*1320mm		
Protection Rating	IP65		
Cooling	Natural cooling		
Cycle Life	≥6000 cycles (@25±2°C, 0.5C/0.5C, 90%DOD, 70%EOL)		
Certifications	IEC62619, UL1973, UL9540, UN38.3, CE		

The above parameters are subject to change without further notice, and the actual product shall prevail.

Head Office

4 Chome-37-11 Nishiarai, Adachi-ku, Tokyo-to
Japan

China Office

No.89 Yunlongshan Road, Jianye District, Nanjing
City, Jiangsu Province, China

✉ info@nawray.com

☎ +81 03 5837 4742 (Head Office)
+86 25 5180 5028 (China Office)

🌐 www.nawray.com

NAWRAY

Plug and play
Energy comes home in one step

New Energy Amazing World

Magic box

Integrated household energy storage system

Enerhi-B10





Enerhi-B10

Energy Hulk

24/7 Outage Protection

10.24kWh

AC (1000W)	10h
Tv (250W)	42h
Refrigerator (200W)	53h

Enerhi-B10 is a compact, all-in-one ESS integrating battery packs, BMS, PCS, controls, etc. With easy installation and a minimalist design, it complements a variety of home styles and solar systems. Customize our all-in-one system to power your facility-with or without solar and lower your energy bills from day one.

Cabinet Enclosure
IP65 Rating
Waterproof and dustproof

Smart Display
Operation status at a glance

Intelligent Air Switch
Battery over-discharge protection. Automatic reset after troubleshooting

BMS
Self-developed digital intelligent battery management system



PCS

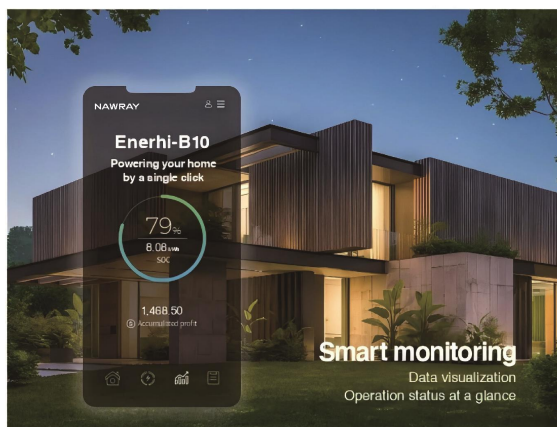
Ultra-fast response.
Start backup power seamlessly within 10ms

Battery Pack
High-performance LFP cells, safe and reliable

Battery Protection Board
Strengthening protection rating

Global Certifications

Successfully certified in main global markets, complying with IEC, UL, CE, UN38.3, etc.



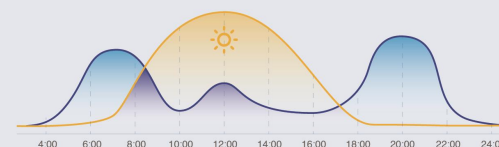
Smart monitoring

Data visualization
Operation status at a glance

New Pattern for Green Energy Utilization

Solar + storage AIO system ensures sufficient self-utilization; peak-valley arbitrage cuts electricity bills.

- PV self-utilization
- PV generation
- Battery discharge
- Energy consumption curve
- Sunlight curve



24/7
Monitoring

- Discharge from battery to meet your electricity usage during nights & early mornings
- PV generation meets your electricity usage during days
- Keep appliances running seamlessly during an outage
- Ensure power stays on under severe weather

Residential ESS Solutions

World-leading residential smart energy solutions, green, digital, smart.....
NAWRAY brings amazing new energy life for global families!

