ENERSHARE

Spot Commodity

Europe Warehouse



HIGH VOLTAGE STACK BATTERY

4.8kWh-25.6kWh

Enershare Battery Core

Up to 6 towers in parallel

From 4.8 kWh to 153.6 kWh

Enershare Tech Company Limited

Tel: 0086-755-28748610 E-mail: wesley.yan@enershare.cn

https://www.enershare.cn

Enershare Global Service and Sales Center Asia: China\Philippines \Indonesia | **Europe:** Bulgaria\England\Romania | **Latin America:** Peru

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The Enershare Battery Core Series
2 Models for all Scenario

Enershare Battery Core Series, Sparkling With Innovation, Provides You With Intelligent Integration Storage Solutions.
There Are 2 Models Under High Voltage Platform, Which Are Enershare Power-Core and Enershare Energy-Core
Both Of Them Can Handle Up To A Voltage Of 600 V Sharing Our Minted Smart BMS .

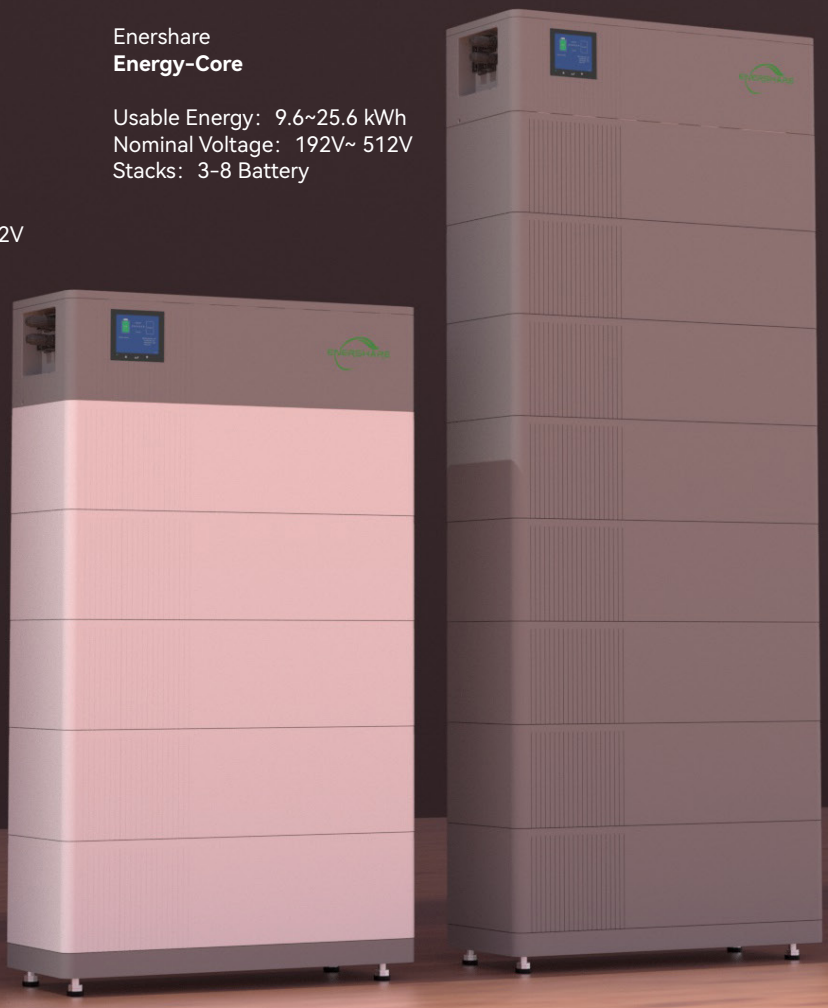
Enershare Battery Core Series Will Inaugurate a New Era In The Residential Energy Storage Industry.

Enershare
Power-Core

Usable Energy：4.8~12 kWh
Nominal Voltage：204V ~ 512V
Stacks：2-5 Battery

Enershare
Energy-Core

Usable Energy：9.6~25.6 kWh
Nominal Voltage：192V~ 512V
Stacks：3-8 Battery



Smart System Design

- LFP Chemistry
- Automatic Inverter Configuration (set-up free)
- Automatic Battery System Configuration (set-up free)
- Intelligent Display (Key Info, Err code, SOC)
- Power and Energy for all applications
- 1 and 3 phase, on / off grid / back up support
- No DC/DC, high efficiency system layout
- Up to 6 towers in parallel

Smart Installation Design

- Stackable Design, Easy Installation, ≤ 36.5kg / Stack
- Slim and Compact
- Plug-Play (Direct Connect RJ45)
- Aluminum Housing
- IP65 Protection

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Enershare Power-Core is a Power Type With a Capacity Of 2.4 KWh, 102.4 V In Each Battery Stack.
Enershare Energy-Core is an energy type with a capacity of 3.2 kWh, 64 V in Each Battery Stack.

Smart BMS	
	
OperatingVoltage Range	120-600V
Max Output Current	30 A
Peak Output Current	50 A (5s)
Communication	CAN 2.0/ RS485
Dimensions (H/W/D	175* 650* 260 mm
Weight	≤ 20 kg





Battery	Power-Core	Energy-Core
Usable Energy	2.4 kWh	3.2 kWh
Rated Capacity	23.5Ah	50Ah
Battery Cell Technology	LFP	LFP
Operation Temperature	-10~55 ° C	-10~55 ° C
Nominal Voltage	102.4 V	64 V
Operating VoltageRange	86.4~116.8 V	54~73 V
Max Output Current	25 A	30 A
Peak Output Current	50 A (5s)	50 A (5s)
Dimensions (H/W/D)	175* 650* 260 mm	175* 650* 260 mm
Weight	≤ 35 kg	≤ 36.5 kg

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Stackable

Up to 2-8 battery 4.8kWh-25.6kWh

Increase the capacity freely in lifetime It grows as your family grows



Stackable battery units with direct connection
No additional Wires, No additional Screws

1 Person Work
Time saving, Cost Saving

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High Scalability, Able To Be Paralleled Up To 6 Towers

Wide capacity options from 4.8kWh to 153.6kWh

Enershare **Power-Core**



4.8 kWh-**2** 7.2 kWh-**3** 9.6 kWh-**4** 12 kWh-**5**

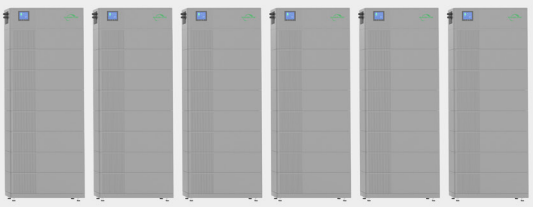


Up to 6 x 12kWh Parallel

Enershare **Energy-Core**



9.6 kWh-**3** 12.8 kWh-**4** 16 kWh-**5** 19.2 kWh-**6** 22.4 kWh-**7** 25.6 kWh -**8**

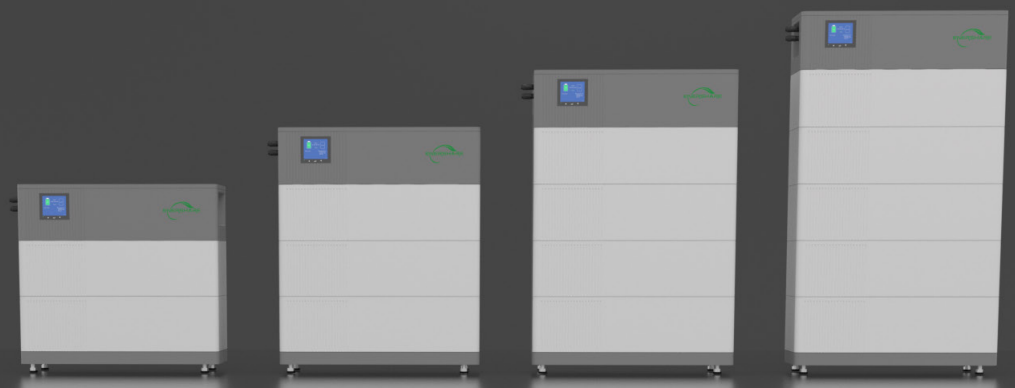


Up to 6 x 25.6kWh Parallel

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Enershare Power-Core

4.8KWh-12KWh
High Voltage Stack Battery



Technical Specification

Number of Stacks	2	3	4	5
Usable Energy	4.8 kWh	7.2 kWh	9.6 kWh	12 kWh
Max Output Current	25 A (1C-Rate)			
Peak Output Current	50 A (5s)			
Max Output Power	5.12 kW	7.68 kW	10.24 kW	12.8kW
Nominal Voltage	204.8 V	307.2 V	409.6 V	512 V
Operating Voltage Range	172.8~233.6 V	259.2~350.4 V	345.6~467.2 V	432~584 V
Scalability	Up to 6 towers (From 4.8 kWh to 72 kWh)			
Dimensions (H*W*D) (mm)	625* 650* 260mm	800* 650* 260mm	975* 650* 260mm	1150* 650* 260mm
Weight	90 kg	125 kg	160 kg	195 kg
Operation Temperature	-10~55 ºC			
Protection Rating	IP65			
Round-trip Efficiency	≥ 96 %			
Certification & Compliance	UKCA / IEC62619 / VDE / CE / UN38.3			
Applications	ON Grid / ON Grid Backup / OFF Grid			
Warranty	10 Years			

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Enershare Energy-Core

9.6KWh-25.6KWh High Voltage Stack Battery



Technical Specification

Number of Stacks	3	4	5	6	7	8
Usable Energy	9.6 kWh	12.8 kWh	16 kWh	19.2 kWh	22.4 kWh	25.6 kWh
Max Output Current	30 A (0.6C-Rate)					
Peak Output Current	50 A (5s)					
Max Output Power	5.76 kW	7.68kW	9.6kW	11.52kW	13.44kW	15.36kW
Nominal Voltage	192 V	256 V	320 V	384 V	448 V	512 V
Operating Voltage Range	162~219 V	216~292 V	270~365 V	324~438 V	378~511 V	432~584 V
Scalability	Up to 6 towers in parallel (From 9.6 kWh to 153.6 kWh)					
Dimensions (H*W*D) (mm)	800* 650*260 mm	975* 650*260 mm	1150* 650*260 mm	1325* 650*260 mm	1500* 650*260 mm	1675* 650*260 mm
Weight	129.5 kg	166 kg	202.5 kg	239 kg	275.5 kg	312 kg
Operation Temperature	-10~55 ºC					
Protection Rating	IP65					
Round-trip Efficiency	≥ 96 %					
Certification & Compliance	UKCA / IEC62619 / VDE / CE / UN38.3					
Applications	ON Grid / ON Grid Backup / OFF Grid					
Warranty	10 Years					

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Set up Free

Instantly functioning after installation,
No App, No laptop commissioning

Automatic recognition between systems

SUNGROW 阳光电源 · 固德威 GOODWE · solis · SINEXCEL
Deye 德业 · hoymiles · SOLINTEG · Afore



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Enershare Battery Core Series Battery Compatible Inverter List V1.5

Inverter		Stack Quantity		Minimum Firmware Version	
		Power-Core	Energy-Core	Inverter	Battery Core BMS
SunGrow	SH 3.0/3.6/4.0/ 5.0/6.0 RS	2-3	3-6	≥ ARM: SUNSTONE-H_01011.02.30 ≥ MDSP: SUNSTONE-H_03011.02.26	≥ V1.6-1.5
	SH 5.0/ 6.0/ 8.0/10 RT	2-5	3-8	≥ ARM: SAPPHIRE-H_01011.71.21 ≥ MDSP: SAPPHIRE-H_03011.71.19	
GoodWe	ET (5-10kW) ET （40-50KW)	2-5	4-8	≥ ARM 13	≥ V1.6-1.5
	BT	2-5	4-8	≥ ARM 13	
	EH/BH	2-3	3-6	≥ ARM 07	
	EHB	2-4	3-6	≥ ARM 03	
Solis	S6-EH3P(3-20)K-H	2-5	3-8	≥ V02	≥ V1.6-1.5
Deye /Sunsynk	SUN-(5-50) K-SG01HP3-EU	2-5	3-8	≥ 2001-C01B	≥ V1.6-1.5
Solinteg	MHS-3-8K	2-5	3-8		≥ V1.6-1.5
	MHT-4-20K	2-5	3-8		
hoymiles	HYT-(5.0-12.0) HV-EUG1	2-5	3-8	≥ V01.00.06	≥ V1.8-1.5
	HAT-(5.0-10.0) HV-EUG1	2-5	3-8	≥ V01.00.06	
Afore	AF3-20K-TH	2-5	3-8		≥ V1.8-1.5
	AF3-20K-MTH				
Sinexcel	Isuna 5000-20000T	2-5	3-8		≥ V1.8-1.5

Note:

1. Maximum 6 Systems In Parallel Connection. For Parallel Connection, The Below Requirements Must Be Fulfilled:

a) Enershare Power-Core CANNOT Be Parallel Connected With Enershare Energy-Core ; b) Each Of The Parallel Connected System Must Have The Same Stack Quantity.