



4.8KWh-25.6KWh High Voltage Stack Battery

Up to 6 towers in parallel (From 4.8 kWh to 153.6 kWh)

Enershare Battery Core



Enershare Tech Company Limited

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<https://www.enershare.cn>

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 .

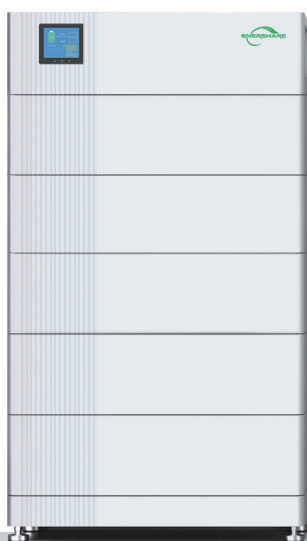
Enershare Battery Core Series Will Inaugurate a New Era In The Residential Energy Storage Industry.

Enershare Power-Core

Usable Energy: 4.8~12 kWh

Nominal Voltage: 204V ~ 512V

Stacks: 2-5 Battery

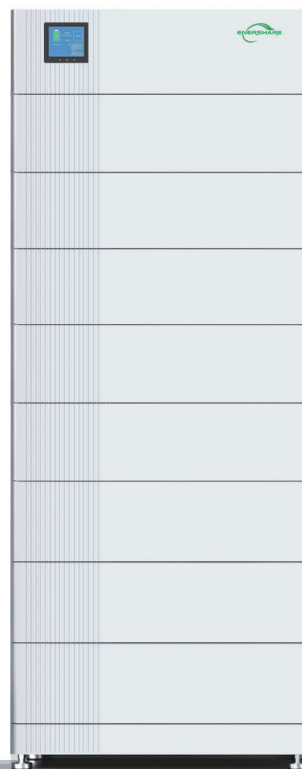


Enershare Energy-Core

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, $\leq 36.5\text{kg}$ / Stack
- Slim and Compact
- Plug-Play (Direct Connect RJ45)
- VDE2510 Compliances
- Aluminum Housing
- IP65 Protection

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



Operating Voltage 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 Voltage Range	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

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

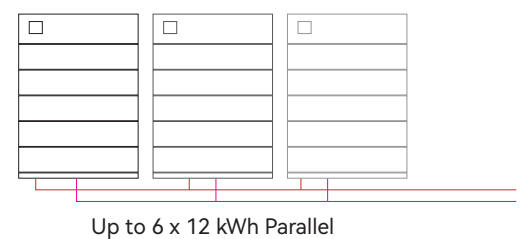
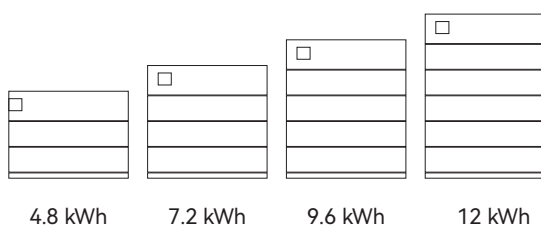


High Scalability, Able To Be Paralleled Up To 6 Towers

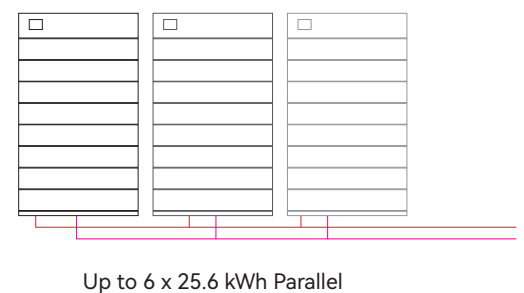
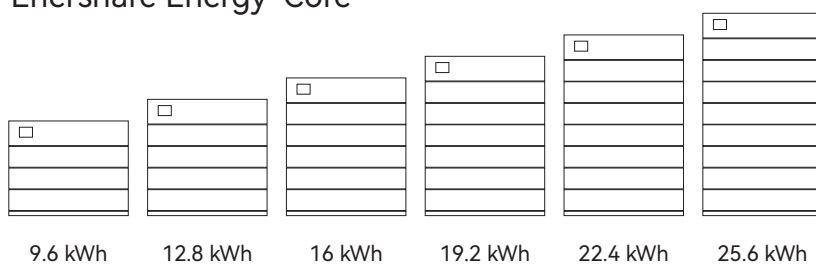
Wide capacity options from 4.8kWh to 153.6kWh



Enershare Power-Core

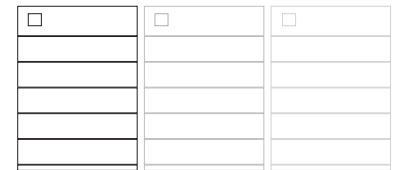


Enershare Energy-Core



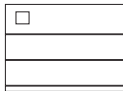
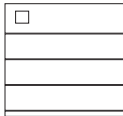
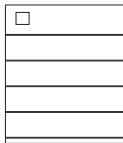
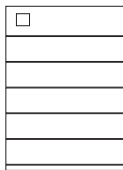
Enershare Power-Core

4.8KWh-12KWh High Voltage Stack Battery



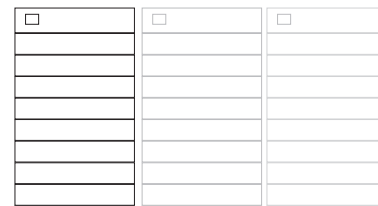
Technical Specification

6 x 12 kWh **Parallel**

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			
Peak Output Current	50 A (5s)			
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 °C			
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			

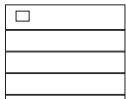
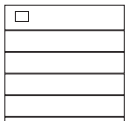
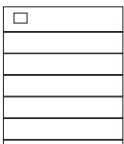
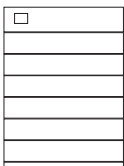
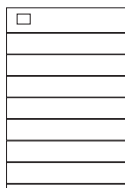
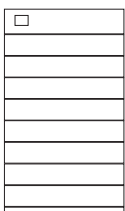
Enershare Energy-Core

9.6KWh-25.6KWh High Voltage Stack Battery



Technical Specification

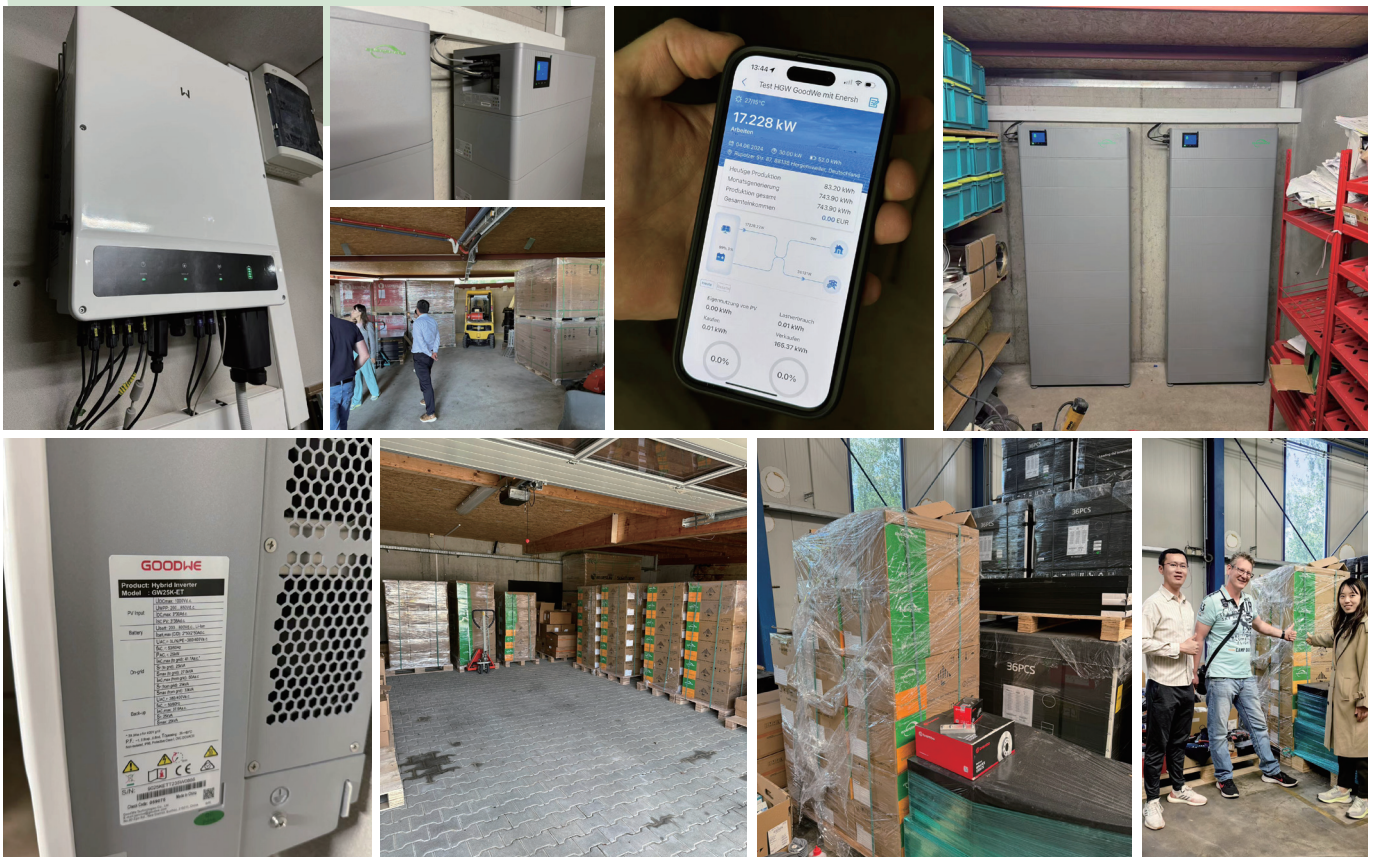
6 x 25.6kWh **Parallel**

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					
Peak Output Current	50 A (5s)					
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 °C					
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					

User Case

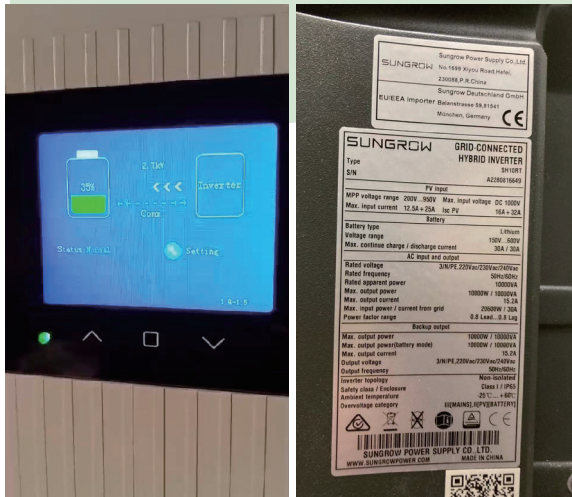
Germany

Energy-Core
tower setup with Goodwe



Austria

Energy-Core 8 modules
tower setup with **Sungrow**
(SH10RT: three-phase 10kW)



Poland

Energy-Core 3 modules
tower setup with **Deye**



Hungary

Energy-Core
tower setup with **hoymiles**





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SUNGROW
阳光电源

固德威
GOODWE

solis

Deye 德业

houymiles

SOLINTEG

Afore

Set up Free

Instantly functioning after installation,
No App, No laptop commissioning

Automatic recognition between systems



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)	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	
	Notice: For the inverter which was manufactured before March 6th 2023, if meet the communication issue while installing, please contact the service of Goodwe for help.				
Solis	S6-EH3P(3-10)K-H	2-5	3-8	≥ V02	≥ V1.6-1.5
Deye	SUN-(5-20)K-SG01HP3-EU-AM2	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				

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.