



**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: [wesleyyan@enershare.cn](mailto:wesleyyan@enershare.cn)

<https://www.enershare.cn>

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

## 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 .

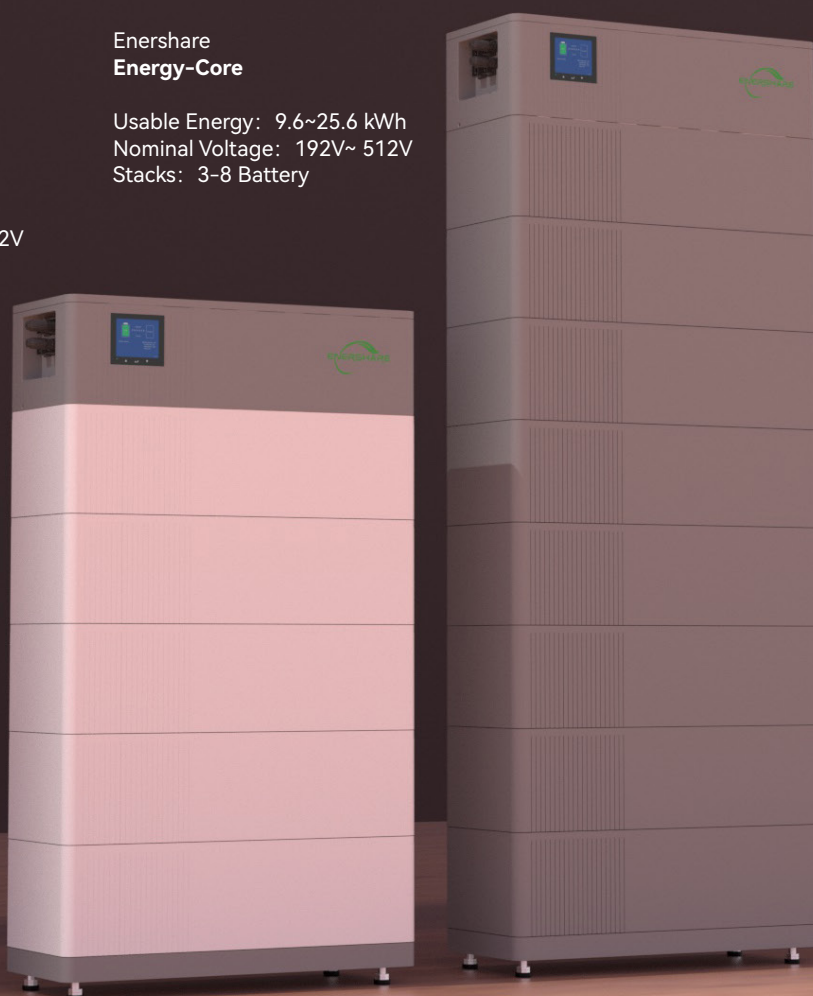
Enershare Battery Core Series Will Inaugurate a New Era In The Residential Energy Storage Industry.

### 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

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        |





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## Stackable

Up to 2-8 battery 4.8kWh-25.6kWh

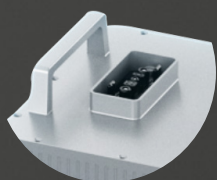
Increase the capacity freely in lifetime It grows as your family grows

LCD Screen



Smart BMS

Invisible Handles



IP65

Aluminum Case

Battery Stacks

Base & Legs

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

1 Person Work  
Time saving, Cost Saving





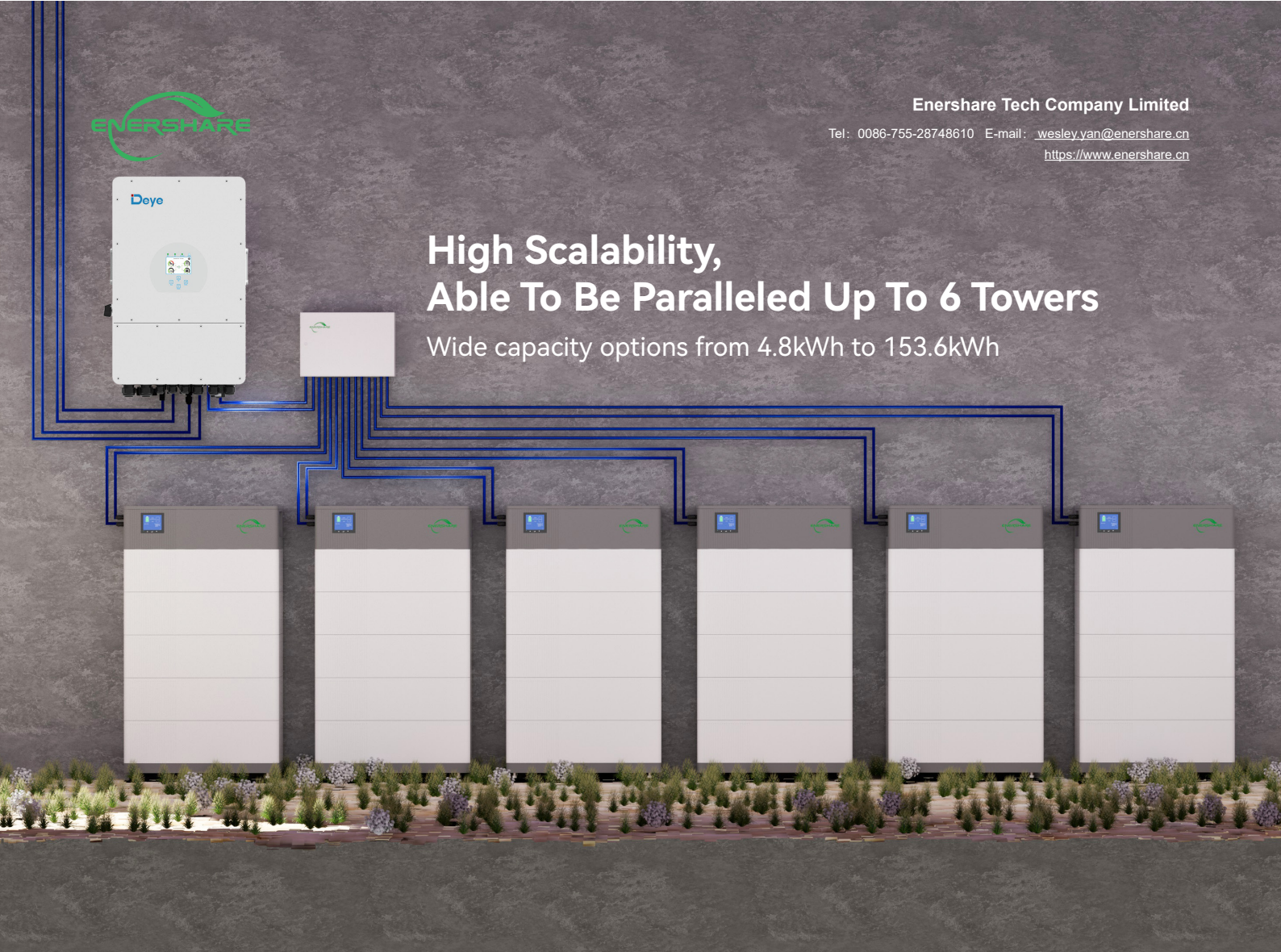
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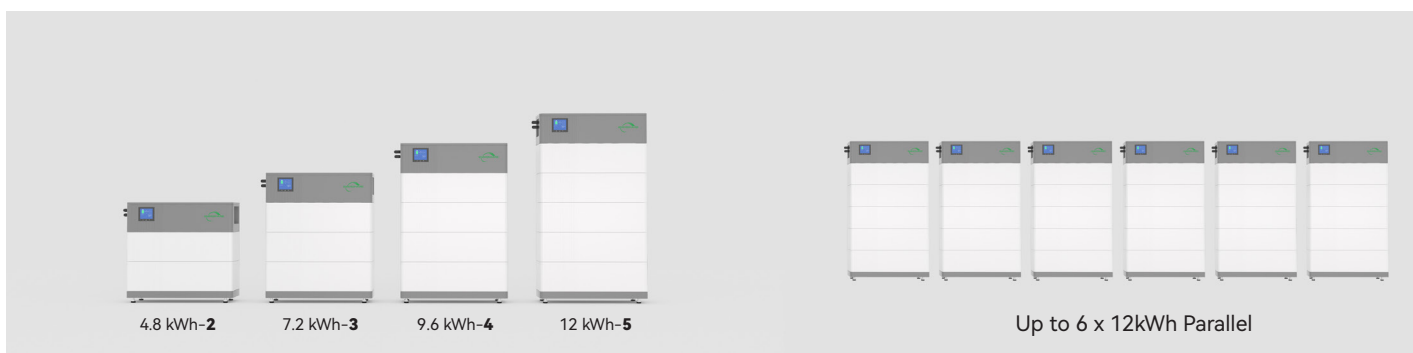
<https://www.enershare.cn>

## High Scalability, Able To Be Paralleled Up To 6 Towers

Wide capacity options from 4.8kWh to 153.6kWh



### Enershare **Power-Core**

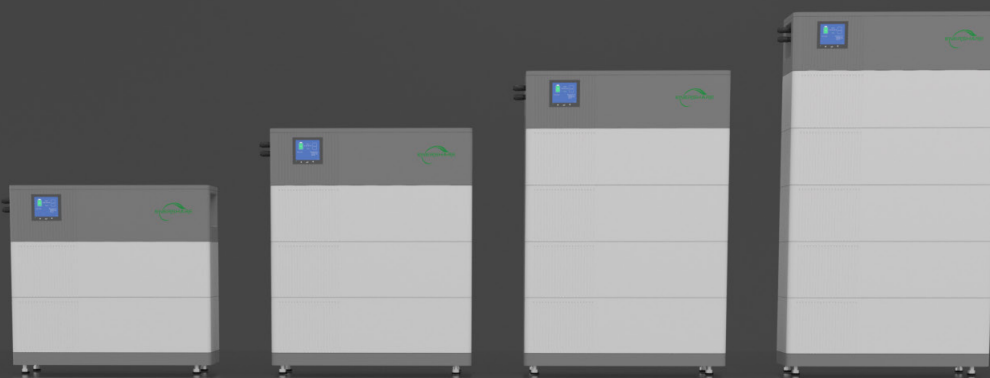


### Enershare **Energy-Core**



## Enershare Power-Core

# 4.8KWh-12KWh High Voltage Stack Battery



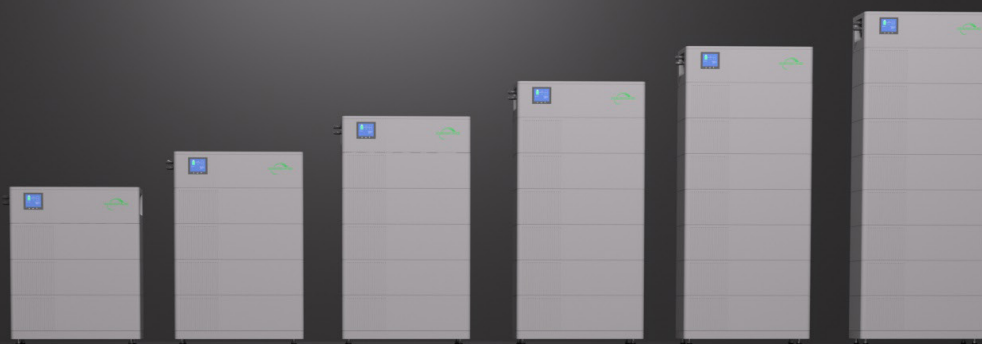
## Technical Specification

| 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 °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

| 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 °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                                               |                 |                  |                  |                  |                  |





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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

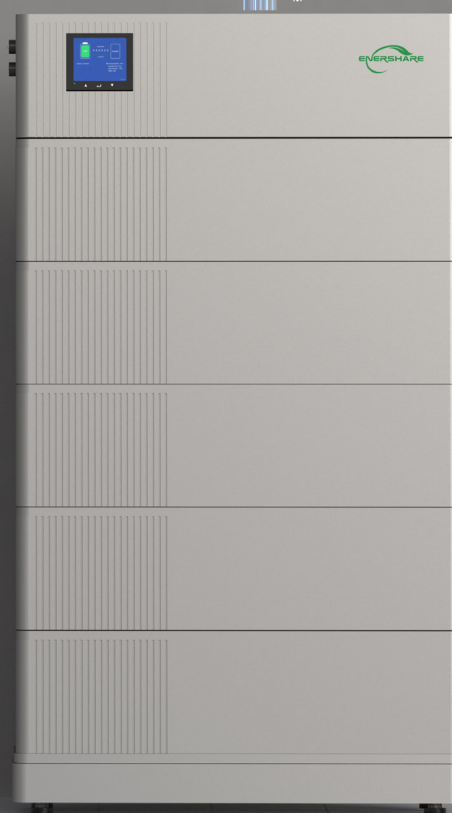
**houmiles**

**SOLINTEG**

**Afore**



inverter





## Enershare Battery Core Series Battery Compatible Inverter List V1.5

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