

ation

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Diagram



Pack Configuration

System could be designed according to different Pack/Rack combination.

| Rated Energy                  | 7.68kWh       | 10.24kWh      | 11.52kWh      |
|-------------------------------|---------------|---------------|---------------|
| Battery type                  | LFP           | LFP           | LFP           |
| Cell capacity                 | 300Ah         | 200Ah         | 300Ah         |
| Rated Voltage                 | 25.6V         | 51.2V         | 38.4V         |
| Max. Voltage                  | 28.8V         | 57.6V         | 43.2V         |
| Min. Voltage                  | 22.4V         | 44.8V         | 33.6V         |
| Rated Charge/Discharge C rate | 1C/1C         | 0.5C/0.5C     | 1C/1C         |
| Dimensions                    | 517*676*168mm | 450*850*168mm | 715*630*168mm |
| Weight                        | 76kg          | 100kg         | 110kg         |

Rack Configuration

| Rated Energy            | 222.7kWh            | 143.3kWh            |
|-------------------------|---------------------|---------------------|
| Rated Voltage           | 742.4 V             | 716.8 V             |
| Operating voltage range | 649.6-835.2 V       | 627.2- 806.4V       |
| Rated capacity          | 300Ah               | 200Ah               |
| Charge/discharge rate   | 1C                  | 0.5 C               |
| W*D*H Dimensions        | 2271 * 2465 * 700mm | 1580 * 2461 * 950mm |
| Weight                  | 2500kg              | 1730kg              |

PCS + Battery  
AC Couple

| Item                | Parameter            |
|---------------------|----------------------|
| Rated power         | 30kW                 |
| AC voltage          | 400V                 |
| Frequency           | 50Hz                 |
| Pack                | 2P16S(200Ah)         |
| Pack number         | 9                    |
| Dimensions(W*D*H)   | 2300mm*1000mm*1200mm |
| Protection level    | IP55                 |
| DC voltage range    | 358.4V-460.8V        |
| Capacity            | 81.92kWh             |
| Integrated Controls | RS485/CAN/Ethernet   |
| Compliance          | UL9540,UL1973,UL1741 |



Hybrid Inverter  
DC Couple

