



# SIMPO HV

Residential ESS / Small C&I  
Easy Stackable 120-657V  
6.4kWh-230.4kWh

| SIMPO HV                   |   |         |         |         |         |         |         |         |
|----------------------------|---|---------|---------|---------|---------|---------|---------|---------|
| Module Data                | 3.2 kWh, 64V, 36kg                        |         |         |         |         |         |         |         |
| Module Quantity In Tower   | 2   | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
| Usable Energy(kWh)         | 6.4                                       | 9.6     | 12.8    | 16      | 19.2    | 22.4    | 25.6    | 28.8    |
| Nominal Voltage(V)         | 128                                       | 192     | 256     | 320     | 384     | 448     | 512     | 576     |
| Operating Voltage Range(V) | 120~146                                   | 180~219 | 240~292 | 300~365 | 360~438 | 420~511 | 480~584 | 540~657 |
| Max Continuous Current(A)  | 30  |         |         |         |         |         |         |         |
| Peak Output(A)             | 45, 5s                                    |         |         |         |         |         |         |         |
| Weight(Kg)                 | 102                                       | 138     | 174     | 210     | 246     | 282     | 318     | 354     |
| Dimension_W(mm)            | 610                                       |         |         |         |         |         |         |         |
| Dimension_D(mm)            | 240                                       |         |         |         |         |         |         |         |
| Dimension_H (mm)           | 670                                       | 860     | 1050    | 1240    | 1430    | 1620    | 1810    | 2000    |
| Round-trip Efficiency      | 96.0%                                     |         |         |         |         |         |         |         |
| Charging Temp Range(°C)    | -10~50                                    |         |         |         |         |         |         |         |
| Discharging Temp Range(°C) | -20~50                                    |         |         |         |         |         |         |         |
| Operating Humidity         | Up to 95% (Non-condensing)                |         |         |         |         |         |         |         |
| IP Rating                  | IP65                                      |         |         |         |         |         |         |         |
| Communication              | CAN / Modbus RS485                        |         |         |         |         |         |         |         |
| Altitude(m)                | ≤3000                                     |         |         |         |         |         |         |         |
| Warranty                   | 10 Years                                  |         |         |         |         |         |         |         |
| Scalability(Parallel)      | 1~8 Towers                                |         |         |         |         |         |         |         |
| Certificate                | UN38.3 / CE / IEC62619 / CEC / VDE2510-50 |         |         |         |         |         |         |         |

## 16 Premium Benefits To Simplify Your Project



### LFP Prismatic

Reliable chemistry for energy storage needs



### IP65-Rated

Ideal for indoor and outdoor use with IP65 protection



### Operation Voltage

100-700V Range



### Parallel Connection

Connect up to 8 towers in parallel



### Optimized Parallel Connection

Hot-Swappable towers for uninterrupted operation



### Smart Start

No app needed, just one-click setup



### Portal Monitoring

Real-Time access and control of your system



### High C Rate

Maximizing performance with resilient power output



### Smaller Floor Print

Compact and installation floor print reduced by 30%



### Screwless Installation

Easy assembly with screwless module connection



### Quick Connect

Plug-in terminals



### Intelligent HMI

Features data display and black start capabilities



### Min/Max System Size

6.4KWh-230.4KWh, for residential and C&I



### Low Temperature Performance

Ensures optimal charging even at -10°C



### Cybersecurity

Robust cybersecurity measures



### Performance Warranty

10 years performance warranty

# Hello ZYC

## Contact

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