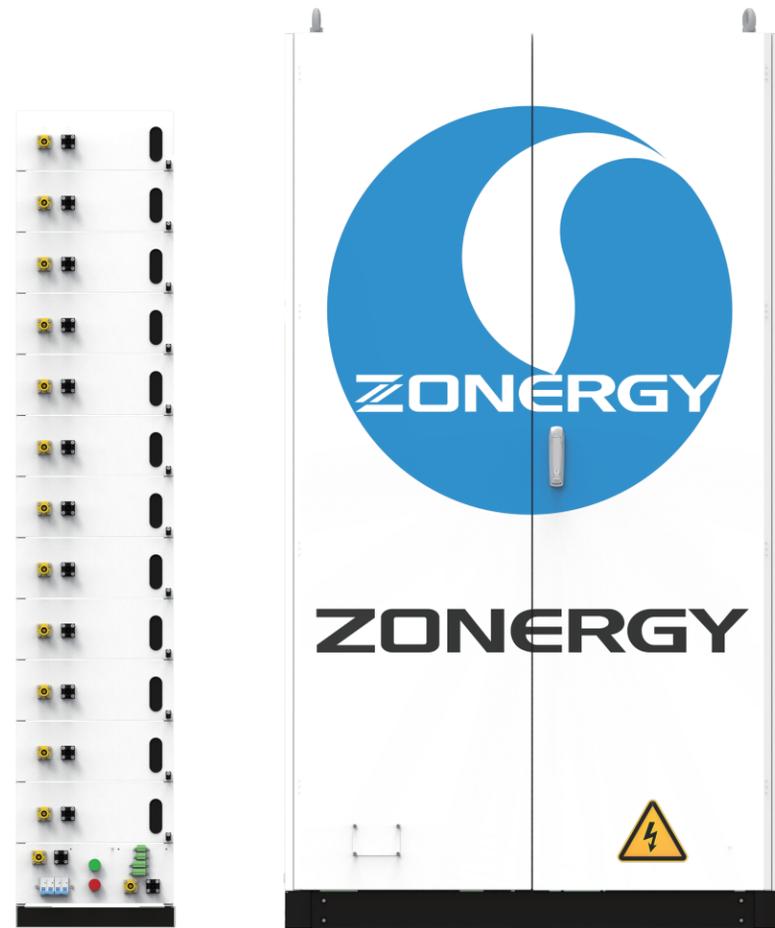


# Scopio-B

## Commercial and Industrial Energy Storage Scopio Series Scopio-B 35-61kWh-01

### Scopio-B 35-61kWh-01 Technical parameters



  
Modular and flexible expansion

  
Easy installation and maintenance

  
High compatibility

  
Precise temperature control

| Technical parameters: | Scopio-B 35.84kWh-01 | Scopio-B 40.96kWh-01 | Scopio-B 46.08kWh-01 | Scopio-B 51.2kWh-01 | Scopio-B 56.32kWh-01 | Scopio-B 61.44kWh-01 |
|-----------------------|----------------------|----------------------|----------------------|---------------------|----------------------|----------------------|
|-----------------------|----------------------|----------------------|----------------------|---------------------|----------------------|----------------------|

| Battery configuration     |                       |
|---------------------------|-----------------------|
| Battery type              | LFP100Ah              |
| PACK configuration        | 5.12kWh/1P16S         |
| Rated voltage             | 51.2V                 |
| Voltage range             | 44.8-57.6V            |
| Charge and discharge rate | 0.5P                  |
| Weight                    | 50±2kg                |
| Dimension                 | 420*630*176mm (W*D*H) |

| Battery system             |                                         |                |                |                |                |                |
|----------------------------|-----------------------------------------|----------------|----------------|----------------|----------------|----------------|
| PACK quantity              | 7                                       | 8              | 9              | 10             | 11             | 12             |
| Energy configuration       | 35.84kWh                                | 40.96kWh       | 46.08kWh       | 51.2kWh        | 56.32kWh       | 61.44kWh       |
| Rated voltage              | 358.4V                                  | 409.6V         | 460.8V         | 512V           | 563.2V         | 614.4V         |
| Voltage range              | 313.6-403.2V                            | 358.4-460.8V   | 403.2-518.4V   | 448-576V       | 492.8-633.6V   | 537.6-691.2V   |
| Charge and discharge rate  | 0.5P                                    |                |                |                |                |                |
| Communication protocols    | CAN/RS485                               |                |                |                |                |                |
| Weight                     | 480±20kg                                | 530±20kg       | 580±20kg       | 630±20kg       | 680±20kg       | 730±20kg       |
| Dimensions (W*D*H)         | 420*630*1400mm                          | 420*630*1560mm | 420*630*1720mm | 420*630*1880mm | 420*630*2040mm | 420*630*2200mm |
| Working temperature        | 0~40°C/-20~55°C                         |                |                |                |                |                |
| Protection level           | IP20/IP54                               |                |                |                |                |                |
| Temperature control method | Natural cooling/intelligent air cooling |                |                |                |                |                |
| Service life               | 8000cycles, 80%SOH                      |                |                |                |                |                |
| Altitude                   | <5000m                                  |                |                |                |                |                |

