

# ZPB 261

## ALL-IN-ONE ENERGY STORAGE SYSTEM



### TECHNICAL SPECIFICATIONS

| MODEL                                 | ZPB 261                                          |
|---------------------------------------|--------------------------------------------------|
| <b>Battery</b>                        |                                                  |
| Battery Type                          | LFP , 3.2 V / 314 Ah                             |
| Battery PACK Configuration            | 1P*52S                                           |
| Battery Capacity                      | 261 kWh ( 52.25 kWh * 5 )                        |
| Rated Battery Voltage / Voltage Range | 832 V / 650...949 V                              |
| <b>AC Parameters (On-grid)</b>        |                                                  |
| Rated Output Power                    | 125 kW                                           |
| Max. Apparent Output Power            | 137.5 kVA                                        |
| Rated Voltage                         | 230 V/400 V, 3W+N+PE                             |
| Voltage Range                         | 340...460 V                                      |
| Rated Output Current                  | 180 A                                            |
| Rated Frequency                       | 50 Hz                                            |
| Frequency Range                       | 45...55 Hz                                       |
| Total Harmonic Distortion (THDi)      | < 3%                                             |
| Power Factor                          | -1...+1                                          |
| <b>General Data</b>                   |                                                  |
| Topology                              | Non-isolated                                     |
| Dimensions (W*D*H)                    | 1000*1500*2250 mm                                |
| Weight                                | ~ 2.5 t                                          |
| Operating Temperature Range           | -30°C...+55°C (derating @ > 45°C)                |
| Relative Humidity                     | 0...95%                                          |
| Altitude                              | ≤ 2000 m                                         |
| Cooling                               | Smart Air Cooling (PCS) Liquid Cooling (Battery) |
| Noise                                 | < 65 dB                                          |
| Ingress Protection                    | IP 55                                            |
| Corrosion                             | C5                                               |
| Display                               | LCD / LED / APP                                  |

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| General Data          |                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------|
| Firefighting          | Smoke Detector, Heat Detector, Alarm Sounder, Aerosol, Sprinkler, Flammable Gas Detector, Vent Plate |
| Communication         | RS485 / CAN / Ethernet                                                                               |
| Installation          | Floor-standing                                                                                       |
| Standard <sup>1</sup> | EMC, IEC 62109, IEC 62619, EN 50549-2,<br>EN 50549-10,UL9540A, UN38.3                                |

Specifications provided are preliminary and subject to change.