



Low Voltage All-In-One Residential Energy Storage System

| Model number | ZEN-S4-B5 | ZEN-S6-B10 | ZEN-S6-B15 | ZEN--S6-B20 | ZEN--S10-B25 | ZEN-S10-B30 |
|--------------|-----------|------------|------------|-------------|--------------|-------------|
|--------------|-----------|------------|------------|-------------|--------------|-------------|

| System data | | | | | | |
|------------------------|--|--------------|--------------|--------------|--------------|--------------|
| Rated output power(W) | 4000 | 6000 | 6000 | 6000 | 10000 | 10000 |
| AC output voltage(Vac) | 230V | | | | | |
| Battery capacity(kWh) | 5.12 | 10.24 | 15.36 | 20.48 | 25.6 | 30.72 |
| Ingress protection | IP54 | | | | | |
| Operating temperature | Charge: 0°C-55°C; Discharge: -20°C-55°C | | | | | |
| Storage | Short term: -20°C-50°C (<3M, 20-60%SOC) Longterm: -10 ~+40°C (<6M, 40-70% SOC) | | | | | |
| Noise emission(dB) | <30 | | | | | |
| Weight(kg) | 70 | 115 | 160 | 205 | 266 | 311 |
| Dimension(W*H*D, mm) | 660*800*300 | 660*1020*300 | 660*1240*300 | 660*1460*300 | 660*1850*300 | 660*2027*300 |

| Inverter data | | | |
|---------------|----------|----------|-----------|
| Model number | ZNE4K-D1 | ZNE6K-D1 | ZNE10K-D1 |

| | | | | |
|------------|--|---------------------------------|---------------------------------|---------------------------------|
| PV input | Max.power(W) | 6000 | 7000 | 13000 |
| | PV Max.output voltage(Vdc) | 550 | | |
| | MPPT voltage range(Vdc) | 125-500 | 125-500 | 125-500 |
| | Max. input current(A) | 14 | 14 | 12A |
| AC output | MPPT number | 2 | 2 | 2 |
| | Rated output power(VA) | 4000 | 6000 | 10000 |
| | Rated output voltage(V) | 230 | 230 | 230 |
| | Rated output current(A) | 17.4 | 26 | 47.8 |
| EPS output | PF | 0.8leading -0.8lagging | 0.8leading -0.8lagging | 0.8leading -0.8lagging |
| | Rated power(VA) | 4000 | 6000 | 10000 |
| | Automatic switch time (MS) | <20MS | <20MS | <20MS |
| | Overload | 110%, 30S/120%, 10S/150%, 0.02S | 110%, 30S/120%, 10S/150%, 0.02S | 110%, 30S/120%, 10S/150%, 0.02S |
| Other | Max efficiency | ≥97.6% | ≥97.6% | ≥97.2% |
| | Europe efficiency | ≥97% | ≥97% | ≥97.8% |
| | Weight(kg) | 25 | 25 | 41 |
| | Dimension(W*H*D, mm) | 660*580*300 | 660*580*300 | 660*750*300 |
| Safety | IEC/EN62109-1/-2, IEC/EN62477-1 IEC/EN62109-1/-2, IEC/EN62477-1 南非NRS, IEC 62109-1/-2 | | | |
| EMC | IEC/EN 61000-6-1, IEC/EN 61000-6-3 IEC/EN 61000-6-1, IEC/EN 61000-6-3 IEC 61000-6-1, IEC 61000-6-3 | | | |

| Battery data | | | | | | |
|---------------------------------|--------------------------------|-------------|-------------|-------------|--------------|--------------|
| Battery type | LFP | | | | | |
| Battery capacity(kWh) | 5.12 | 10.24 | 15.36 | 20.48 | 25.6 | 30.72 |
| Rated voltage(Vdc) | 51.2 | | | | | |
| Voltage range(Vdc) | 46.4-57.6 | | | | | |
| Max.charge&discharge current(A) | 85 | 125 | 125 | 125 | 215 | 215 |
| Weight(kg) | 45 | 90 | 135 | 180 | 225 | 270 |
| Dimension(W*H*D, mm) | 660*220*300 | 660*440*220 | 660*660*220 | 660*880*220 | 660*1100*220 | 660*1320*220 |
| Certifications | CE/IEC 62619/UN 38.3/IEC 62040 | | | | | |