

# COS 64 Containeropslag 30kW/64kWh

## Veilig & betrouwbaar

- CATL LFP accu cellen
- Dubbel brand preventie systeem
- Waterdicht met ingebouwde airco en verwarming

## Eenvoudig & gebruiksvriendelijk

- Eenvoudige installatie ter plaatse
- Geïntegreerde BMS/EMS
- Inclusief gebruiksvriendelijke app

## Economisch & efficiënt

- Beschik over je eigen energiecentrale
- Minder afhankelijk van het net
- Besparing op je energiekosten

## Algemene informatie

|                 |                     |
|-----------------|---------------------|
| Accu type       | LFP                 |
| Accu capaciteit | 64.512kWh           |
| Omvormer        | 30kW                |
| Afmetingen      | 800 x 1200x 2030 mm |
| Gewicht         | 1000kg              |
| IP soort        | IP55                |
| Cycli           | 5500                |
| Garantie        | 10 jaar             |



## Battery Input

|                |               |
|----------------|---------------|
| Cell Type      | LFP 120Ah     |
| Battery System | 1P168S        |
| Rated Energy   | 64.512kWh     |
| Rated Voltage  | 537.6V        |
| Voltage Range  | 470.4V~604.8V |

## PV Input

|                              |                                    |
|------------------------------|------------------------------------|
| Recommended input power Max. | 37.5kW – 45kW – 54kW – 60kW – 75kW |
| PV Voltage                   | 200V~850V                          |
| MPPT                         | 4                                  |
| MAX. Input Current           | 30A*4                              |

## AC Output

|                   |                                           |
|-------------------|-------------------------------------------|
| Rated Power       | 25kW – 30kW – 36kW – 40kW – 50kW          |
| Max. Power        | 27.5kVA – 33kVA – 39.6kVA – 44kVA – 55kVA |
| Nominal Voltage   | 400Vac/3P+N+PE                            |
| Nominal Frequency | 50Hz/60Hz                                 |
| THDi              | <3%                                       |
| DC Ratio          | <0.5%I <sub>pn</sub>                      |
| Power Factor      | 0.8 leading~0.8 lagging                   |

## General

|                                |                                                                                                                                                                                                                                                                                                             |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Efficiency                     | ≤87%                                                                                                                                                                                                                                                                                                        |
| Charge/Discharge Rate          | 0.8P Max.                                                                                                                                                                                                                                                                                                   |
| DoD                            | 95% (25±2°C)                                                                                                                                                                                                                                                                                                |
| Cycle Life                     | ≤5500 Cycles                                                                                                                                                                                                                                                                                                |
| Ingress Rating                 | IP55                                                                                                                                                                                                                                                                                                        |
| Cooling                        | Force air colling                                                                                                                                                                                                                                                                                           |
| Operating Temperature          | -25~55°C                                                                                                                                                                                                                                                                                                    |
| Humidity                       | 0~95%RH%, non-condensing                                                                                                                                                                                                                                                                                    |
| Altitude                       | ≤2000m (derating above 2,000m)                                                                                                                                                                                                                                                                              |
| Dimensions (W*D*H)             | 800*1200*2030mm                                                                                                                                                                                                                                                                                             |
| Weight                         | 1t                                                                                                                                                                                                                                                                                                          |
| Fire Safety                    | Aerosol                                                                                                                                                                                                                                                                                                     |
| Connective                     | Ethernet/RS485                                                                                                                                                                                                                                                                                              |
| Compliance                     | UN38.3, IEC62477, IEC61000, IEC62619, IEC63056, UL9540A, EN50549                                                                                                                                                                                                                                            |
| Grid Connection Certifications | G99, VDE AR N 4105 / VDE V 0124, EN 50549-1 / EN 50549-10, VDE 0126 / UTE C 15 / VFR 2019, NTS 631 / RD 1699 / RD 244 / UNE 206006 / UNE 206007-1, CEI 0-21, C10/11, NRS 097-2-1, TOR, EIFS 2018.2, IEC 62116, IEC 61727, IEC 60068, IEC 61683, EN 50530, MEA, PEA, PORTARIA N° 140, DE 21 DE MARÇO DE 2022 |