



### Overview

|              |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Presentasjon | Easy-to-install, easy-to-operate, easy-to-maintain, and easy-to-service 20 kVA 3:1 UPS. With advanced product features, competitive specifications, and robust electrical design, the Easy UPS 3S UPS makes business continuity easy for small and medium data centers and electrical rooms. Includes dust filter and conformance-coated boards for harsh environments, and 3 internal 7Ah modular battery strings. |
| Leveringstid | Usually Ships within 6 Weeks                                                                                                                                                                                                                                                                                                                                                                                        |

### General

|                  |                                   |
|------------------|-----------------------------------|
| Inkludert utstyr | Dust filter<br>Installation guide |
| UPS size         | WS                                |

### Physical

|                |                  |
|----------------|------------------|
| Farge          | White (RAL 9003) |
| Dybde          | 90,7 cm          |
| Høyde          | 140 cm           |
| Vekt           | 231 kg           |
| USB compatible | Yes              |
| Bredde         | 38 cm            |

### Input

|                           |                             |
|---------------------------|-----------------------------|
| Network frequency         | 45...65 Hz                  |
| Input voltage limits      | 304...477 V                 |
| Inputvolt_other           | 380 V<br>415 V              |
| Maximum input current     | 37 A                        |
| Input harmonic distortion | Less than 5 % for full load |
| Verntype på inngang       | Circuit breaker and fuse    |
| Forsyningsspenning        | 3 faser                     |
| Cos phi                   | 0,99                        |

### Output

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Merkeeffekt i W                 | 20000 W                                    |
| Maximum configurable power in W | 20000 W                                    |
| Harmonic distortion             | Mindre enn 3 %                             |
| Output frequency                | 50 Hz sync to mains<br>60 Hz sync to mains |
| Output voltage                  | 220 V<br>240 V                             |
| Crest faktor                    | 3:1                                        |
| UPS type                        | Double conversion online                   |
| Utgangsspenning toleranse       | +/- 1.5 %                                  |
| Output harmonic distortion      | < 5.5% at 100% non-linear load             |

|                                  |                                                                                                                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Output overload operation        | 10 minutes at 125% and 60 seconds at 150%                                                                                                                                                                  |
| Curve equation                   | Efficiency                                                                                                                                                                                                 |
| Curve fixed loss                 | 0,0057                                                                                                                                                                                                     |
| Curve load maximum               | 100 %                                                                                                                                                                                                      |
| Curve load minimum               | 1 %                                                                                                                                                                                                        |
| Curve proportional loss          | 0,0272                                                                                                                                                                                                     |
| Curve square loss                | 0,0199                                                                                                                                                                                                     |
| Curve X-axis maximum             | 100 %                                                                                                                                                                                                      |
| Curve test cond ID               | Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with 400V 50Hz input and 400V 50Hz balanced resistive load (PF = 1.0) output. |
| Curve X-axis minimum             | 0 %                                                                                                                                                                                                        |
| Curve X-axis title               | Load                                                                                                                                                                                                       |
| Curve X-axis units               | Percentage                                                                                                                                                                                                 |
| Curve Y-axis maximum             | 100 %                                                                                                                                                                                                      |
| Curve Y-axis minimum             | 50 %                                                                                                                                                                                                       |
| Curve Y-axis title               | Efficiency                                                                                                                                                                                                 |
| Curve Y-axis units               | Percentage                                                                                                                                                                                                 |
| Graph display                    | 1                                                                                                                                                                                                          |
| Output voltage                   | 230 V                                                                                                                                                                                                      |
| Maximum configurable power in VA | 20000 VA                                                                                                                                                                                                   |
| Merkeeffekt VA                   | 20000 VA                                                                                                                                                                                                   |

## Conformance

|                     |                                                                       |
|---------------------|-----------------------------------------------------------------------|
| Produktsertifikater | CE<br>EAC<br>RCM                                                      |
| Standarder          | IEC 62040-1-1<br>IEC 62040-2<br>IEC 62040-3<br>IEC 62040-4<br>ISTA 2B |

## Environmental

|                                  |                             |
|----------------------------------|-----------------------------|
| Omgivelsestemperatur drift       | 0...40 °C                   |
| Relativ fuktighet                | 0...95 % non-condensing     |
| Driftshøyde                      | 0...3281 ft                 |
| Omgivelsestemperatur for lagring | -15...40 °C                 |
| Storage Relative Humidity        | 0...95 % Ikke-kondenserende |
| Storage altitude                 | 0,00...15240,00 m           |
| Akkustikknivå                    | 60 dBA                      |
| Varmeavgivelse                   | 870 Btu/t                   |
| Show note OP temperature         | No                          |
| IP-grad                          | IP20                        |

## Batteries & Runtime

|                                |                                             |
|--------------------------------|---------------------------------------------|
| Batteritype                    | VRLA                                        |
| Number of battery filled slots | 3                                           |
| Number of battery free slots   | 0                                           |
| Tilleggsinformasjon            | UPS weight does not include battery weight. |
| Batterispenningen              | 240 V                                       |
| Discharge battery voltage      | +/- 198 V DC                                |
| Maximum short-circuit current  | 10 kA                                       |
| Max current discharge          | 54 A                                        |

## Packing Units

|                     |            |
|---------------------|------------|
| Forpakning 1 vekt   | 242,001 kg |
| Forpakning 1 høyde  | 101,397 cm |
| Forpakning 1 bredde | 56,312 cm  |
| Forpakning 1 lengde | 164,008 cm |

## Offer Sustainability

|                                 |                                                                                                                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REACH-regelverk                 |  <a href="#">REACH-erklæring</a>                                                                       |
| EU RoHS-direktiv                | Proaktivt i samsvar (Produktet inngår ikke i EUs RoHS direktivet)  <a href="#">EU RoHS-erklæring</a> |
| Kvikksølvfri                    | Ja                                                                                                                                                                                      |
| Informasjon om RoHS-unntak      |  <a href="#">Ja</a>                                                                                    |
| Kinas RoHS-forskrift            |  <a href="#">Kinas RoHS-Erklæring</a>                                                                  |
| WEEE                            | Innen EU må produktet avhendes i henhold til bestemte regler for avfallshåndtering og aldri kastes som husholdningsavfall.                                                              |
| Optimalisert energieffektivitet | Energieffektivt produkt                                                                                                                                                                 |

## Contractual warranty

|         |                                                                   |
|---------|-------------------------------------------------------------------|
| Garanti | 1 year on-site repair or replace with factory authorized Start-Up |
|---------|-------------------------------------------------------------------|