



## Overview

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Presentasjon | High density, double-conversion on-line power protection with scalable runtime. |
| Leveringstid | Usually in Stock                                                                |

## General

|                                     |                                                                                                                                 |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Inkludert utstyr                    | CD with software<br>Rack mounting support rails<br>Smart UPS signalling RS-232 cable<br>User manual<br>Web/SNMP management card |
| Performance multiplier              | 1                                                                                                                               |
| Number of tare power                | 175 W                                                                                                                           |
| Number of power module free slots   | 0                                                                                                                               |
| Number of power module filled slots | 0                                                                                                                               |
| Redundant                           | No                                                                                                                              |
| Size UPS version                    | Internetworking<br>Server<br>Telecom                                                                                            |
| UPS size                            | S                                                                                                                               |
| Value multiplier                    | 1                                                                                                                               |

## Physical

|                     |              |
|---------------------|--------------|
| Number of rack unit | 12U          |
| Farge               | Black        |
| Dybde               | 77,3 cm      |
| Høyde               | 53,3 cm      |
| Montasjeplassering  | Front        |
| Mounting preference | Lower        |
| Vekt                | 247,73 kg    |
| Monteringsmetode    | Rack-mounted |
| Two post mountable  | 0            |
| USB compatible      | No           |
| Bredde              | 43,2 cm      |

## Input

|                            |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| Network frequency          | 40...70 Hz auto-sensing                                            |
| Number of input connectors | 1 hard wire 3-wire (1P + N + E)<br>1 hard wire 5-wire (3P + N + E) |
| Input voltage limits       | 160...280 V                                                        |
| Inputvolt_other            | 220 V<br>240 V                                                     |
| Maximum input current      | 90 A                                                               |
| Brytekapasitet, A          | 100 A                                                              |
| Input harmonic distortion  | Less than 5 % for full load                                        |
| Input current              | 90 A (1 phase)<br>30 A per phase (3 phases)                        |
| Forsyningsspenning         | 230 V<br>3 faser                                                   |
| Load power factor          | 0.8                                                                |
| Cos phi                    | 0,95                                                               |

## Output

|                                  |                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Merkeeffekt i W                  | 12000 W                                                                                                                                                                                                   |
| Maximum configurable power in W  | 12000 W                                                                                                                                                                                                   |
| Harmonic distortion              | Mindre enn 5 %                                                                                                                                                                                            |
| Output frequency                 | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains                                                                                                                                                |
| Output voltage                   | 220 V<br>240 V                                                                                                                                                                                            |
| Crest faktor                     | 3:1                                                                                                                                                                                                       |
| UPS type                         | Double conversion online                                                                                                                                                                                  |
| Wave type                        | Sine wave                                                                                                                                                                                                 |
| Output connector type            | Hard wire 3-wire (H N + E) 1<br>Hard wire 5-wire (3P + N + E) 1                                                                                                                                           |
| Nb of power socket outlets       | 2 IEC Jumpers<br>8 IEC 60320 C19                                                                                                                                                                          |
| Output overload operation        | 60 seconds at 125% and 30 seconds at 150%                                                                                                                                                                 |
| Bypass type                      | Built-in static bypass<br>Internal bypass (automatic and manual)<br>Optional external bypass                                                                                                              |
| Curve equation                   | Efficiency                                                                                                                                                                                                |
| Curve fixed loss                 | 0,017                                                                                                                                                                                                     |
| Curve load maximum               | 100 %                                                                                                                                                                                                     |
| Curve load minimum               | 2 %                                                                                                                                                                                                       |
| Curve proportional loss          | 0                                                                                                                                                                                                         |
| Curve square loss                | 0,036                                                                                                                                                                                                     |
| 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 nominal electrical input and 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                                                                                                                                                                                                |
| Effektivitet                     | 93 % ( in battery operation)                                                                                                                                                                              |
| Graph display                    | 1                                                                                                                                                                                                         |
| Output voltage                   | 230 V                                                                                                                                                                                                     |
| Maximum configurable power in VA | 15000 VA                                                                                                                                                                                                  |
| Merkeeffekt VA                   | 15000 VA                                                                                                                                                                                                  |

## Conformance

|                     |                                    |
|---------------------|------------------------------------|
| Produktsertifikater | VDE                                |
| Standarder          | EN/IEC 62040-2<br>EN/IEC 62040-1-1 |

## Environmental

|                                  |                             |
|----------------------------------|-----------------------------|
| Omgivelsestemperatur drift       | 0...40 °C                   |
| Relativ fuktighet                | 0...95 % non-condensing     |
| Driftshøyde                      | 0...10000 ft                |
| Omgivelsestemperatur for lagring | -15...45 °C                 |
| Storage Relative Humidity        | 0...95 % Ikke-kondenserende |
| Storage altitude                 | 0,00...15240,00 m           |
| Akkustikknivå                    | 50 dBA                      |
| Varmeavgivelse                   | 2800 Btu/t                  |
| Show note OP temperature         | No                          |
| IP-grad                          | IP20                        |

## Batteries & Runtime

|                                        |                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Batteritype                            | Bly-syre batteri                                                                                                                                                                                                                            |
| Number of battery filled slots         | 4                                                                                                                                                                                                                                           |
| Number of battery free slots           | 0                                                                                                                                                                                                                                           |
| Battery recharge time                  | 2,5 t                                                                                                                                                                                                                                       |
| Number of battery replacement quantity | 4                                                                                                                                                                                                                                           |
| Tilleggsinformasjon                    | Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage                                                                                                                                                                          |
| Liquid value                           | 0                                                                                                                                                                                                                                           |
| Batterispenningen                      | +/- 192 V (split battery referenced to neutral)                                                                                                                                                                                             |
| Battery curve                          | C                                                                                                                                                                                                                                           |
| Battery charger power                  | 1530 W rated                                                                                                                                                                                                                                |
| Battery power in VAH                   | 3840 VAh runtime                                                                                                                                                                                                                            |
| Batterilevetid                         | 3...5 år                                                                                                                                                                                                                                    |
| Battery option                         | SURT192RMXLBP2 1 7680 VAh<br>SURT192RMXLBP2 2 11520 VAh<br>SURT192RMXLBP2 3 15360 VAh<br>SURT192RMXLBP2 4 19200 VAh<br>SURT192RMXLBP2 5 23040 VAh<br>SURT192RMXLBP2 6 26880 VAh<br>SURT192RMXLBP2 7 30720 VAh<br>SURT192RMXLBP2 9 38400 VAh |
| Extended runtime                       | 1                                                                                                                                                                                                                                           |

## Communications & Management

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| Ledige plasser      | 0                                                       |
| Preinstalled device | Network management card 2 with environmental monitoring |
| Control panel       | Multifunction LCD status and control console            |
| Alarm               | Audible and visible alarms : configurable delays        |
| Emergency power off | Yes                                                     |

## Surge Protection and Filtering

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| Noise suppression | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping<br>response time : meets UL 1449 |
|-------------------|---------------------------------------------------------------------------------------------------------------------|

## Packing Units

|                             |           |
|-----------------------------|-----------|
| Forpakning 1 vekt           | 314,09 kg |
| Forpakning 1 høyde          | 99 cm     |
| Forpakning 1 bredde         | 61 cm     |
| Forpakning 1 lengde         | 100,3 cm  |
| Antall enheter forpakning 3 | 1         |

## Offer Sustainability

|                                 |                                                                                                                            |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Produktets miljøstatus          | Green Premium miljømerket produkt                                                                                          |
| REACH-regelverk                 | <a href="#">REACH-erklæring</a>                                                                                            |
| EU RoHS-direktiv                | I samsvar <a href="#">EU RoHS-erklæring</a>                                                                                |
| Kvikksølvfri                    | Ja                                                                                                                         |
| Informasjon om RoHS-unntak      | <a href="#">Ja</a>                                                                                                         |
| Miljøinformasjon                | <a href="#">Produktmiljøprofil</a>                                                                                         |
| Produktets livssyklus           | <a href="#">Informasjon Om Levetidsslutt</a>                                                                               |
| WEEE                            | Innen EU må produktet avhendes i henhold til bestemte regler for avfallshåndtering og aldri kastes som husholdningsavfall. |
| Optimalisert energieffektivitet | Energieffektivt produkt                                                                                                    |
| Take-back                       | Take-back program available                                                                                                |

## Contractual warranty

|         |                           |
|---------|---------------------------|
| Garanti | 2 years repair or replace |
|---------|---------------------------|