

ROTARY UPS

RBT-500-50



RBT-500-50
500 kVA / 400 kW

Performances and Characteristics

| | |
|-------------------------------------|-----------------------------|
| Voltage | 3 x 400V |
| Frequency | 50 Hz |
| Nominal phase current | 722 A |
| Nominal apparent power | 500 kVA |
| Nominal active power | 400 kW |
| Nominal cos φ | 0.89 leading to 0.8 lagging |
| Rotabloc Efficiency at nominal load | 95.7% |
| Nominal Autonomy | 10s |
| Maximum autonomy at full load | 20.8s |
| Maximum energy storage | 8.3 MJ |
| Maximum temperature | Up to 50° C (1) |
| Altitude (without de-rating) | ≤ 1000 m |
| Humidity | ≤ 90% |

Standard Features

- Automatic lubrication system
- Touch-screen digital HMI
- Dynamic Autonomy Control (DAC)
- Electrical panels IEC 61439 Form 1
- Automatic by-pass

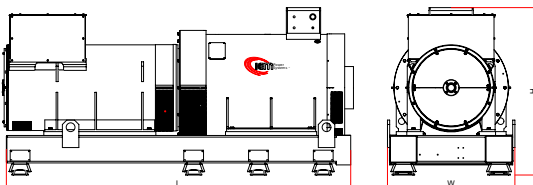
Options

- Plug & Run parallel working
- Supervision software
- Containerized solution
- Bearing monitoring
- Electrical panels IEC 61439 Form 4
- Medium Voltage
- Soundproof enclosure
- High Temperature 50° C

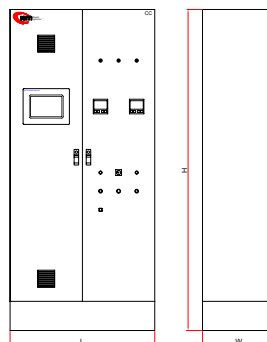
ROTABLOC®

Control Cabinet

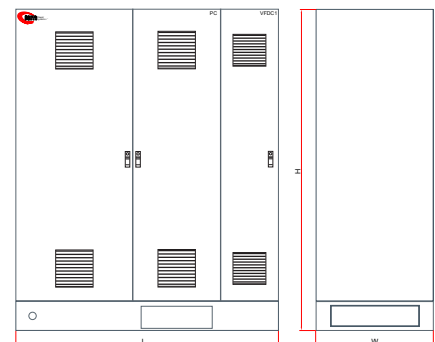
Power and VFD Cabinets



L x W x H 2895 x 1080 x 1529 mm
 Net weight 7850 kg
 Protection IP23



L x W x H 1010 x 510 x 2255 mm
 Net weight 305 kg
 Protection IP43



L x W x H 1820 x 810 x 2255 mm
 Net weight 1415 kg
 Protection IP43

(1): Standard 40°C - Up to 50°C with power derating

All data in this document is for information only and is subject to change.