



RBT-1600D-50
1600 kVA / 1280 kW

ROTARY UPS

RBT-1600D-50

Performances and Characteristics

| | |
|--|-----------------------------|
| Voltage | 3 x 400V |
| Frequency | 50 Hz |
| Nominal phase current | 2309 A |
| Nominal apparent power | 1600 kVA |
| Nominal active power | 1280 kW |
| Nominal cos φ | 0.85 leading to 0.8 lagging |
| Rotabloc Efficiency at nominal load | 96.8% |
| Nominal Autonomy | 10s |
| Maximum autonomy at full load | 13.0s |
| Maximum energy storage | 16.6 MJ |
| Maximum temperature (higher ratings available) | Up to 50° C (1) |
| Altitude (without de-rating) | ≤ 1000 m |
| Humidity | ≤ 90% |

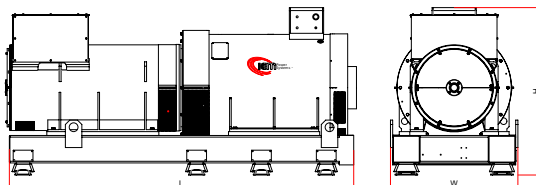
Standard Features

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

Options

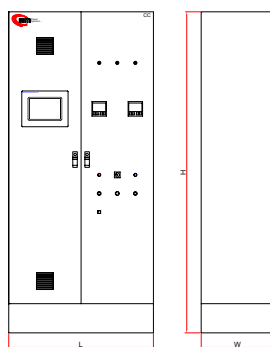
- Plug & Run parallel working
- Supervision software
- Containerized solution
- Bearing monitoring
- Electrical panels IEC 61439 Form 4
- Medium Voltage
- Soundproof enclosure
- High Temperature 50° C

ROTABLOC®



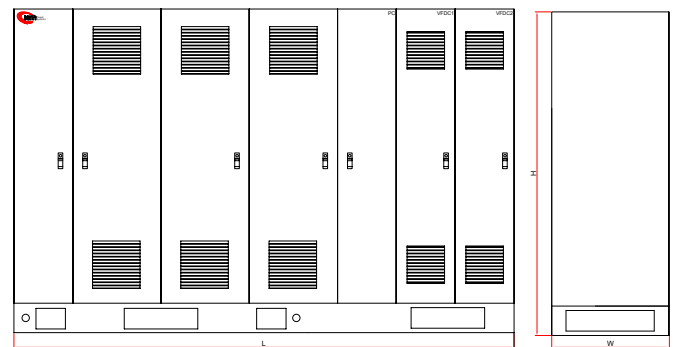
L x W x H (2x) 3135 x 1160 x 1524 mm
 Net weight (2x) 8730 kg
 Protection IP23

Control Cabinet



W x D x H 1210 x 510 x 2155 mm
 Net weight 355 kg
 Protection IP43

Power and VFD Cabinets



W x D x H 4470 x 1250 x 2175 mm
 Net weight 4915 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.