



**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%

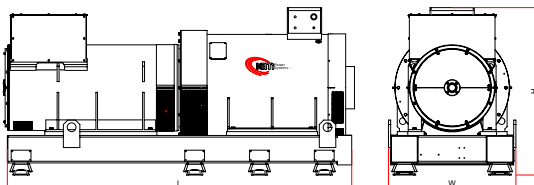
### Standard Features

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

### Options

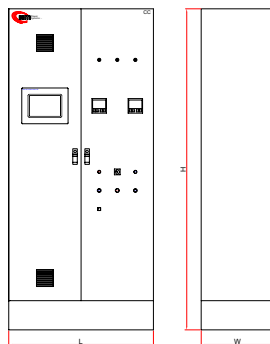
- Plug & Run parallel working
- Supervision software
- Containerized solution
- Bearing monitoring
- Electrical panels IEC 61439 Form 4
- Medium Voltage
- Soundproof enclosure
- High Temperature 50° C

### ROTABLOC®



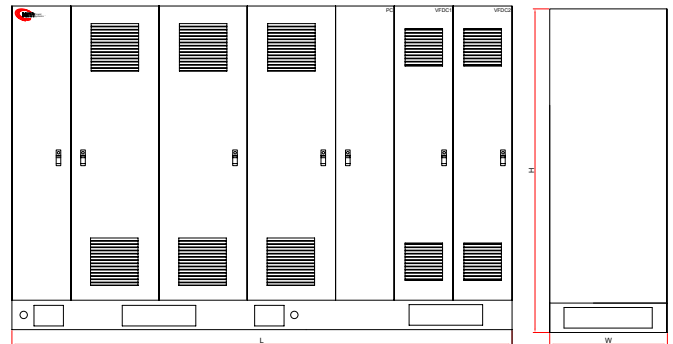
L x W x H (2x) 3135 x 1160 x 1524 mm  
 Net weight (2x) 8730 kg  
 Protection IP23

### 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 1050 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.