

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

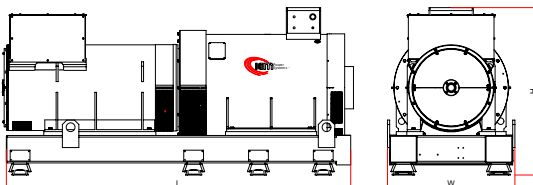
Options

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

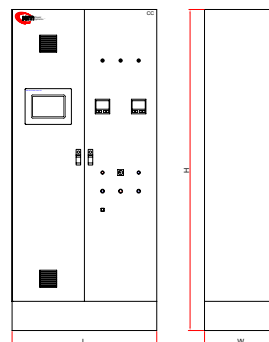
ROTABLOC®

Control Cabinet

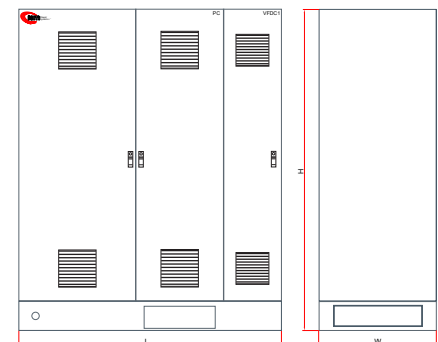
Power and VFD Cabinets



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.