

Rotary Power Conditioner RBQ-1600-50



RBQ-1600-50
1600 kVA / 1280 kW

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	0.92 leading to 0.8 lagging
Rotabloc Efficiency at nominal load	97.8%
Nominal Autonomy	5s
Maximum autonomy at full load	7.1s
Maximum energy storage	9.1 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

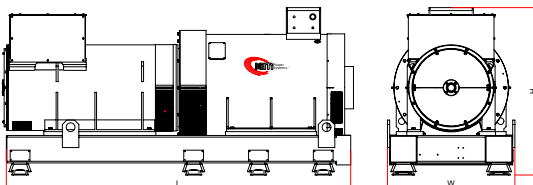
Options

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

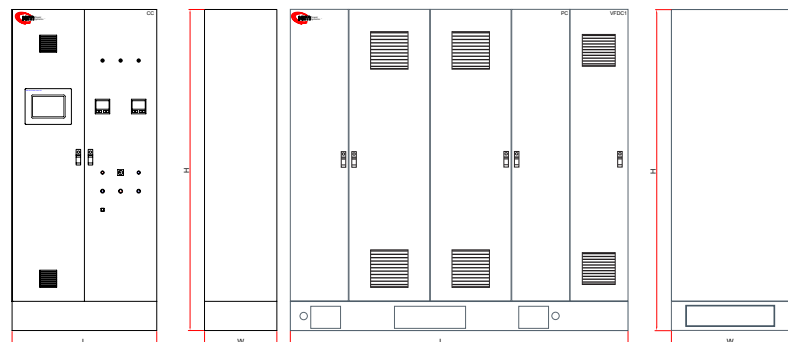
ROTABLOC®

Control Cabinet

Power and VFD Cabinets



L x W x H 3535 x 1205 x 1745 mm
Net weight 10 900 kg
Protection IP23



L x W x H 1010 x 510 x 2155 mm
Net weight 305 kg
Protection IP43

L x W x H 3660 x 1250 x 2175 mm
Net weight 4420 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.