

Rotary Power Conditioner RBQ-1600-50



RBQ-1600-50
1600 kVA / 1280 kW

Performances and Characteristics

Voltage	3 x 400
Frequency	50 Hz
Nominal phase current	2309 A
Protection by upstream breaker	2500 A
Nominal apparent power	1600 kVA
Nominal active power	1280 kW
Nominal cos φ	0.9 leading to 0.8 lagging
Rotabloc Efficiency at nominal load	97.7%
Nominal Autonomy	5 s (adjustable)
Maximum energy storage	9.1 MJ
Maximum temperature	Up to 50° C (1)
Max power dissipation for ventilation design	50 kW
Altitude (without de-rating)	≤ 1000 m / 3280 ft
Humidity	≤ 90%

Standard Features

- Automatic lubrication system
- Touch-screen digital HMI
- Dynamic Autonomy Control (DAC)
- Voltage-free interface signals
- Automatic by-pass

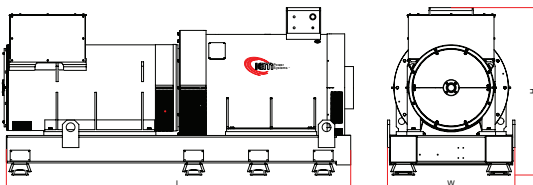
Options

- Plug & Run parallel working
- Supervision software
- Containerized solution
- Bearing monitoring
- Customized switchgear (Form 4, NEMA)
- Soundproof enclosure
- High Temperature 50° C

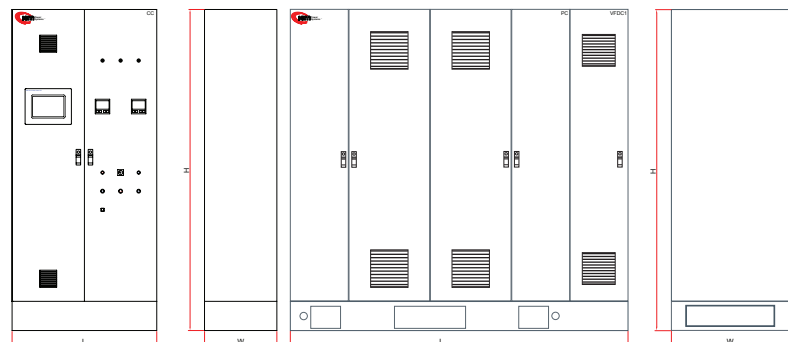
ROTABLOC®

Control Cabinet

Power and VFD Cabinet



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



L x W x H 1250 x 650 x 2200 mm
Net weight 325 kg
Protection IP43

L x W x H 4500 x 1050 x 2200 mm
Net weight 4195 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.