

Rotary Power Conditioner

RBQ-1600-60



RBQ-1600-60 Hz
1600 kVA / 1280 kW

Performances and Characteristics

Voltage	3 x 480 V
Frequency	60 Hz
Nominal phase current	1925 A
Nominal apparent power	1600 kVA
Nominal active power	1280 kW
Nominal cos ϕ	0.89 leading to 0.8 lagging
Rotabloc Efficiency at nominal load	97.1%
Nominal Autonomy	5s
Maximum autonomy at full load	6.8s
Maximum energy storage	8.7 MJ
Maximum temperature	Up to 50° C (1)
Altitude (without de-rating)	≤ 3280 ft
Humidity	≤ 90%

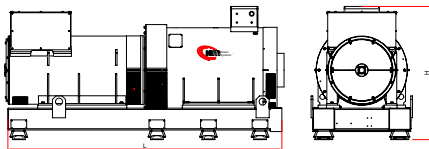
Standard Features

- Automatic lubrication system
- Touch-screen digital HMI
- Dynamic Autonomy Control (DAC)
- Automatic by-pass
- UL 891 Switchboard - NEMA-1

Options

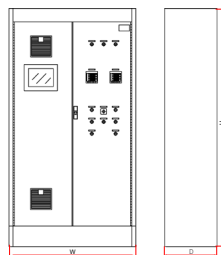
- Plug & Run parallel working
- Supervision software
- Containerized solution
- Bearing monitoring
- Soundproof enclosure
- High Temperature 50° C
- Customized switchgear:
 - UL 1558
 - Medium Voltage up to 38kV
 - NEMA-1, NEMA-3R

ROTABLOC®



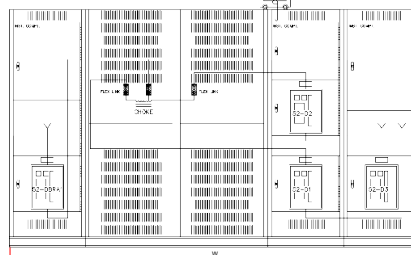
L x W x H 139.17 x 47.44 x 68.70 in
Protection IP23

Control Cabinet



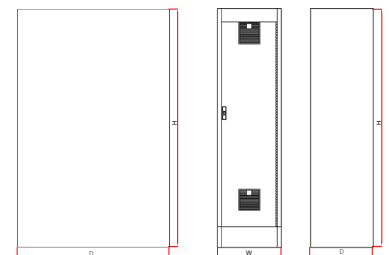
L x W x H 50 x 22 x 76 in
Protection NEMA-1

Power Cabinet



L x W x H 190 x 60 x 94 in
Protection NEMA-1

VFD Cabinet



L x W x H 25 x 22 x 76 in
Protection NEMA-1

(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.