



RBT-1600D-60
1600 kVA / 1280 kW

ROTARY UPS

RBT-1600D-60

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	0.82 leading to 0.8 lagging
Rotabloc Efficiency at nominal load	95.7%
Nominal Autonomy	10s
Maximum autonomy at full load	12.5s
Maximum energy storage	16 MJ
Maximum temperature	Up to 50° C (1)
Altitude (without de-rating)	≤ 3280 ft
Humidity	≤ 90%

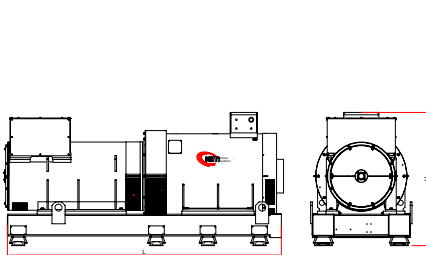
Standard Features

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

Options

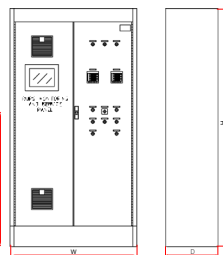
- Plug & Run parallel working
- Supervision software
- Containerized solution
- Bearing monitoring
- Electrical panels IEC 61439 Form 4
- Medium Voltage
- Soundproof enclosure
- High Temperature 50° C

ROTABLOC®



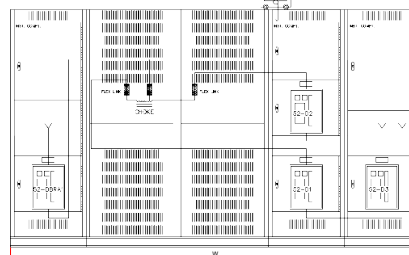
L x W x H (2x) 123.43 x 45.67 x 60 in
Protection IP23

Control Cabinet



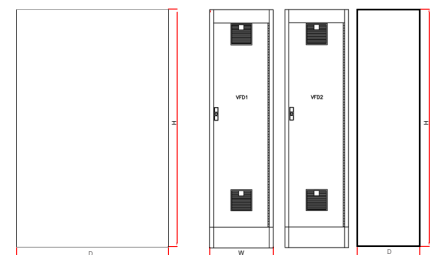
L x W x H
50 x 22 x 76 in
Protection IP43

Power Cabinet



L x W x H 182 x 60 x 94 in
Protection IP43

VFD Cabinet



L x W x H
(2x) 25 x 22 x 76 in
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.