

ROTARY UPS

RBT-500-60



RBT-500-60
500 kVA / 400 kW

Performances and Characteristics

Voltage	3 x 480 V
Frequency	60 Hz
Nominal phase current	601 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	94%
Nominal Autonomy	10s
Maximum autonomy at full load	20s
Maximum energy storage	8.0 MJ
Maximum temperature	Up to 50° C (1)
Altitude (without de-rating)	≤ 3280 ft
Humidity	≤ 90%

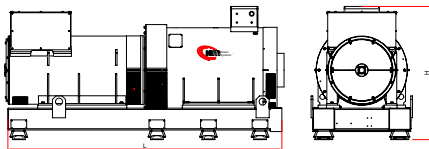
Standard Features

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

Options

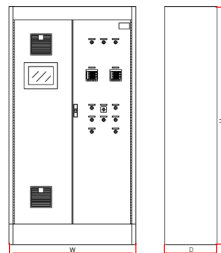
- Plug & Run parallel working
- Supervision software
- Containerized solution
- Bearing monitoring
- Electrical panels IEC 61439 Form 4
- Medium Voltage
- Soundproof enclosure
- High Temperature 50° C

ROTABLOC®



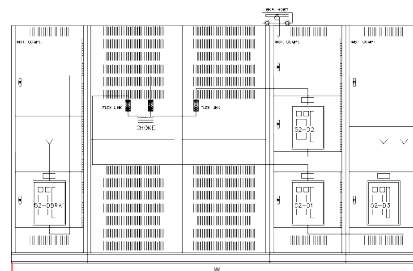
L x W x H 113.98 x 42.52 x 60.20 in
Protection IP23

Control Cabinet



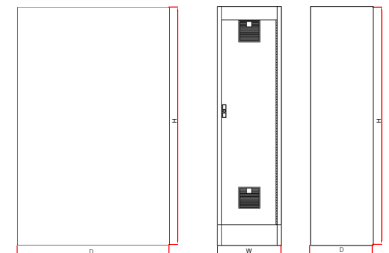
L x W x H 40 x 22 x 76 in
Protection IP43

Power Cabinet



L x W x H 144 x 48 x 94 in
Protection IP43

VFD Cabinet



L x W x H 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.