



RBT-1600TW-50/60
1600 kVA / 1280 kW

ROTARY UPS

RBT - 1600TW

Performances and Characteristics

Voltage	3 x 400 / 480 V
Frequency	50 / 60 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
Efficiency at nominal load	96%
Autonomy	11.3 s (adjustable)
Maximum energy storage	14.4 MJ
Ambient temperature	0 - 50° C
Max power dissipation for ventilation design	80 kW
Altitude (without de-rating)	≤ 1000 m
Humidity	≤ 90%

Standard Features

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

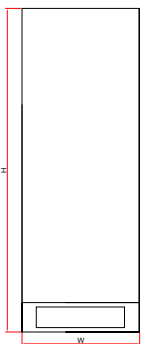
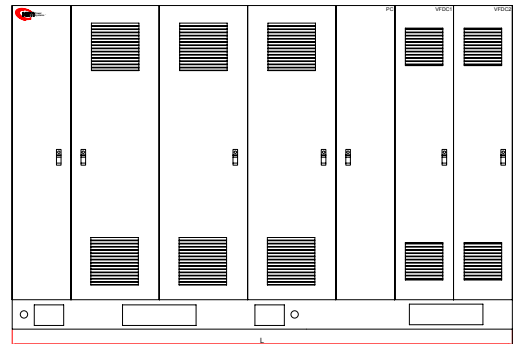
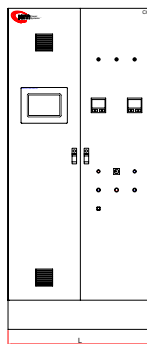
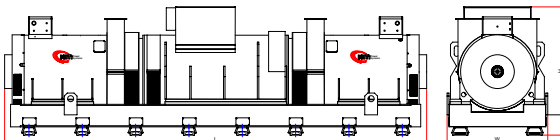
Options

- Automatic lubrication system
- Plug & Run parallel working
- Supervision software
- Containerized solution
- Bearing monitoring
- Customized switchgear (Form 4, NEMA)
- Soundproof enclosure

ROTABLOC® RBT-1600

Control Cabinet

Power Cabinet



L x W x H 5618 x 1340 x 1707 mm
Net weight 17060 kg
Protection IP23

L x W x H 1000 x 500 x 2200 mm
Net weight 305 kg
Protection IP43

L x W x H 3400 x 800 x 2200 mm
Net weight 3690 kg
Protection IP43