



RBT-500HP-50/60
500 kVA / 500 kW

ROTARY UPS

RBT - 500HP

Performances and Characteristics

Voltage	3 x 400 / 480 V
Frequency	50 / 60 Hz
Nominal phase current	722 A
Protection by upstream breaker	1000 A
Nominal apparent power	500 kVA
Nominal active power	500 kW
Nominal cos φ	0.9 leading to 0.8 lagging
Efficiency at nominal load	96.5%
Autonomy	12 s (adjustable)
Maximum energy storage	7.2 MJ
Ambient temperature	0 - 50° C
Max power dissipation for ventilation design	30 kW
Altitude (without de-rating)	≤ 1000 m
Humidity	≤ 90%

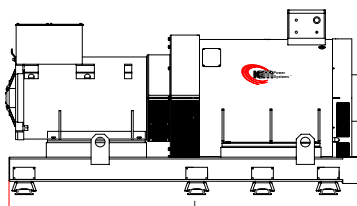
Standard Features

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

Options

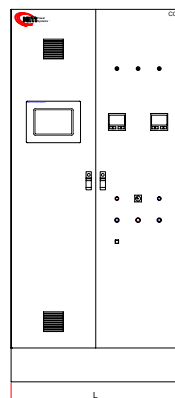
- Automatic lubrication system
- Plug & Run parallel working
- Supervision software
- Containerized solution
- Bearing monitoring
- Customized switchgear (Form 4, NEMA)
- Soundproof enclosure

ROTABLOC® RBT-500HP



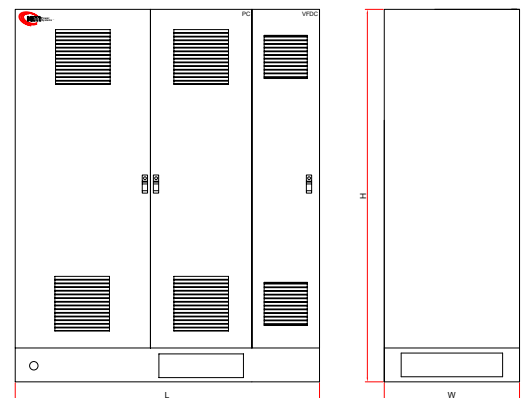
L x W x H 2895 x 1080 x 1529 mm
 Net weight 7850 kg
 Protection IP23

Control Cabinet



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

Power Cabinet



L x W x H 1800 x 800 x 2200 mm
 Net weight 1795 kg
 Protection IP43